

			<i>INDITED</i>	<i>VERIF.</i>	<i>APPROV.</i>
			<i>Experimenter</i>	<i>Quality Manager</i>	<i>Laboratory Manager</i>
	<i>JULY 2024</i>		<i>Dott.Daniel Del Negro</i>		<i>Dott.Andrea Forlani</i>
<i>Order</i>	<i>DATA</i>	<i>DESCRIPTRION</i>			
<i>24.003.01</i>	<i>02</i>	<i>07</i>	<i>2024</i>	<i>LABORATORY TESTS ON SOIL FOR "TIRANA BOULEVARD"</i>	



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Tel. +355 42 453 160  
email: info@geotest.al  
NIPT: L21721022K

**CLIENT: "SEED CONSULTING SHPK"**

**JOB: LABORATORY TESTS ON SOIL FOR "AUTO MOTO PARK"**  
**LOCATION: ELBASAN**

**Object:**

**LABORATORY TESTS ON SOIL FOR "AUTO MOTO PARK"**

Stamp and signature:



Script:

**01**



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and Consulting

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Tel: +355 42 453 160 email: info@geotest.al NPT: L21721022K



LT 090 06.03.23

ORDER	24.002.01
Sample ID	BH1-C2
Depth (m)	11.00-12.00
Test	WATER CONTENT
Cert./date	24.0001 03/06/2024

TEST CERTIFICATE N°: 24.0001	Page 1/1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 30/05/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH1	SAMPLE: C2	DEPTH: m 11.00-12.00

### WATER CONTENT

Methods: Standard ASTM D2216-10

**W<sub>n</sub> = Natural water content = 6,4 %**

Soil structure:

- Homogeneous  
 Stratified  
 Not homogeneous

Drying temperature: 110 °C

Certificate code: FO-116/02-003UMID-T / RIP:03-16/03/2023 / CIRC:16/03/2023

NOTE : This document is valuable only for the sample for which the test is carried out. Reproduced or recreated document is not valid

Test place: Laboratory

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Dott. D. Del Negro





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Tel: +355 42 453 160 email: info@geotest.al NIPF: L21721032K



LT 090 06.03.23

ORDER	24.002.01
Sample ID	BH1-C2
Depth (m)	11.00-12.00
Test	SPECIFIC GRAV.
Cert./date	24.0002 03/06/2024

TEST CERTIFICATE N°: 24.0002	Page 1/1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 31/05/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH1	SAMPLE: C2	DEPTH: m 11.00-12.00

### SPECIFIC GRAVITY

Methods: Standard ASTM D854-14

$\gamma_s$  = Specific gravity (average of 2 measurements) (g/cm<sup>3</sup>) = 26,05 g/cm<sup>3</sup>

$\gamma_{sc}$  = Specific gravity at 20° (g/cm<sup>3</sup>) = 26,02 g/cm<sup>3</sup>

Method:  A  B

Pycnometer size: 100 ml

Test temperature: 26,2 °C

Certificate code: FO-116/02-005GS-T / RIP:03-16/03/2023 / CIRC:16/03/2023

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Test place: Laboratory

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ORDER	24.002.01
Sample ID	BH1-C2
Depth (m)	11.00-12.00
Test	ATTERBERG L.
Cert./date	24.0003 03/06/2024

TEST CERTIFICATE N°: 24.0003	Page 1/1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 31/05/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH1	SAMPLE: C2	DEPTH: m 11.00-12.00

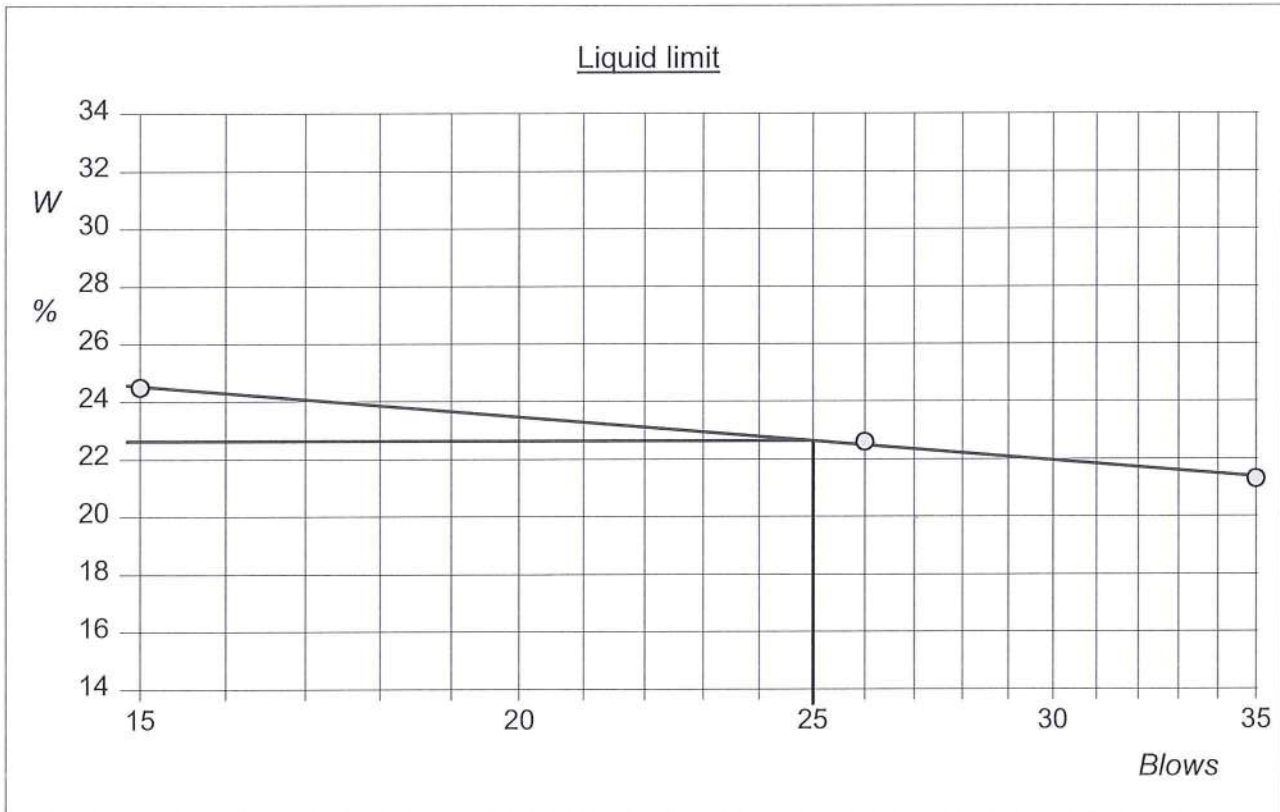
### ATTERBERG LIMITS

Methods: Standard ASTM D4318-17e1

Liquid limit	22,6 %
Plastic limit	16,7 %
Plasticity index	5,9 %

The liquid and plastic limits have been performed on the material passing n° 40 (0.42 mm) sieve

LIQUID LIMIT					PLASTIC LIMIT		
Blows	15	26	35		Water content	16,7	16,7
Water content	24,5	22,6	21,3		Mean water content	16,7	



Certificate code: FO-116/02-008LIM-T / RIP:03-16/03/2023 / CIRC:16/03/2023

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Test place: Laboratory





ORDER	24.002.01
Sample ID	BH1-C2
Depth (m)	11.00-12.00
Test	ATTERBERG L.
Cert./date	24.0003 03/06/2024

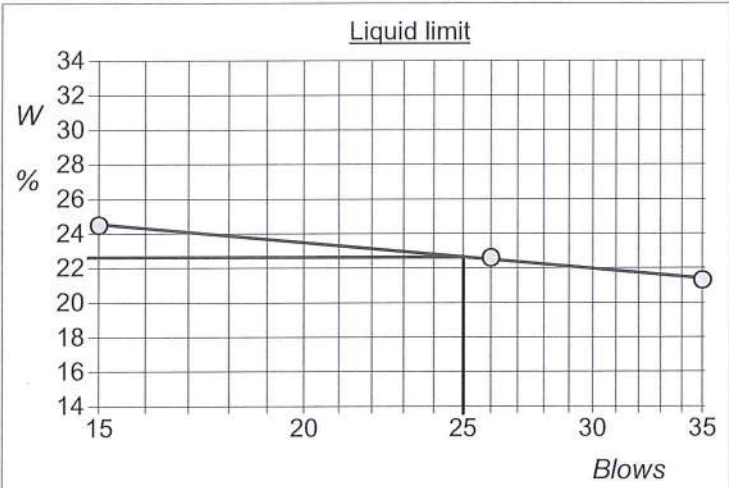
TEST CERTIFICATE N°: 24.0003	Allegato 1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 31/05/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH1	SAMPLE: C2	DEPTH: m 11.00-12.00

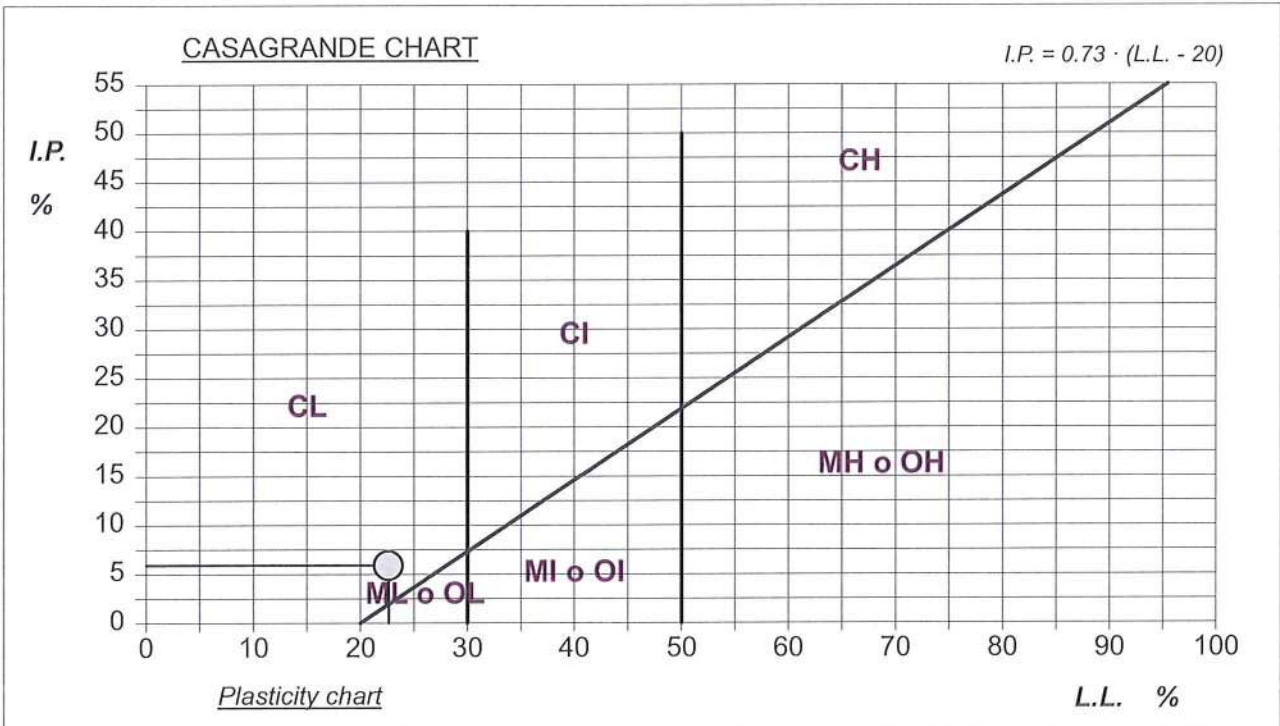
### CASAGRANDE CHART

Methods: Standard ASTM D4318-17e1

Liquid limit	22,6	%
Plastic limit	16,7	%
Plasticity index	5,9	%
Liquidity index	2,75	
Passing the n. 40 sieve	YES	



<b>C - Inorganic clays</b>	<b>L - Low compressibility</b>
M - Inorganic silts	I - Medium compressibility
O - Organic soils	H - High compressibility



Certificate code: FO-116/02-008LIM-T / RIP:03-16/03/2023 / CIRC:16/03/2023  
 NOTE : This document is valuable only for the sample for which the test is carried out. Reproduced or recreated document is not valid  
 Test place: Laboratory





ORDER	24.002.01
Sample ID	BH1-C2
Depth (m)	11.00-12.00
Test	GRAIN SIZE AN.
Cert./date	24.0004 03/06/2024

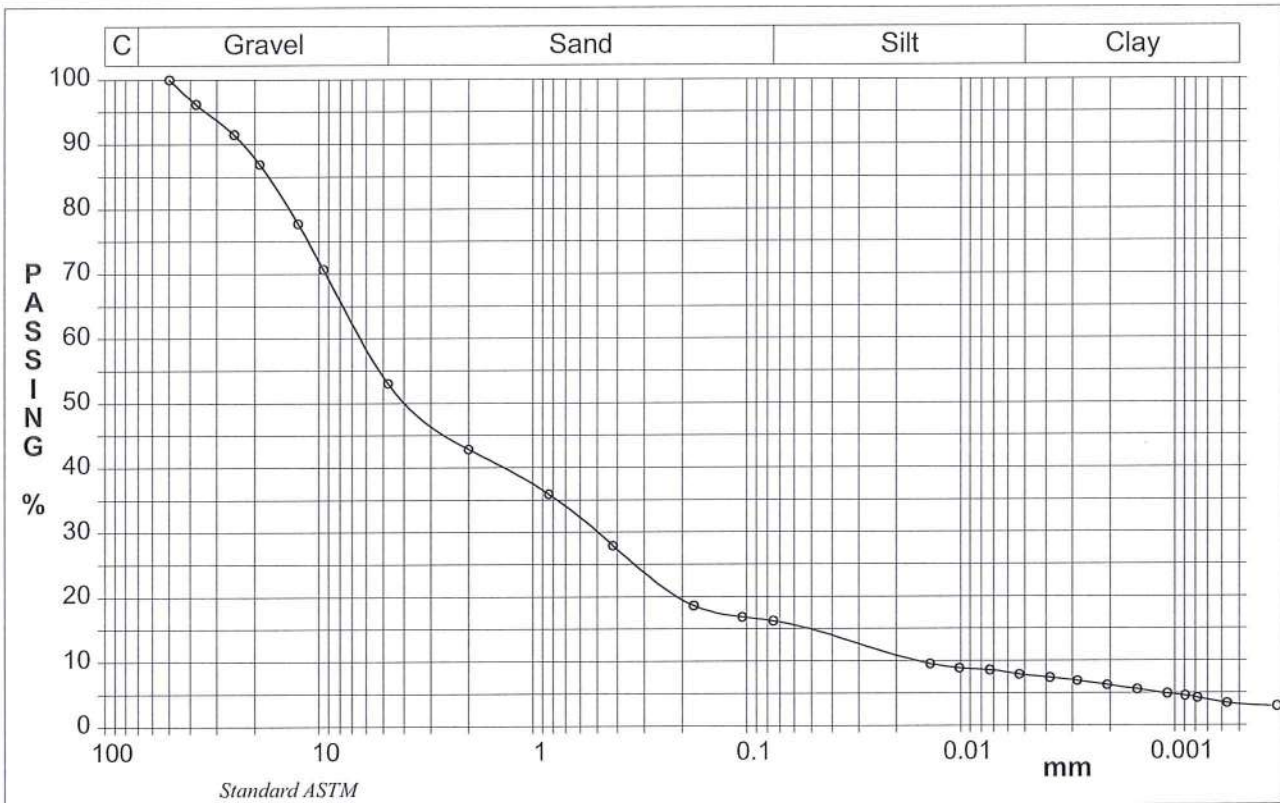
TEST CERTIFICATE N°: 24.0004	Page 1/1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 31/05/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH1	SAMPLE: C2	DEPTH: m 11.00-12.00

## GRAIN SIZE ANALYSIS

Methods: Standard ASTM D6913/D6913-17-ASTM D7928

Gravel	47,0 %	Passing n. 10 sieve (2 mm)	42,9 %	D10	0,01557 mm
Sand	36,8 %	Passing n. 40 sieve (0.42 mm)	27,9 %	D30	0,50420 mm
Silt	8,4 %	Passing n. 200 sieve (0.075 mm)	16,2 %	D50	3,66974 mm
Clay	7,8 %			D60	6,25223 mm
Coefficient of uniformity	401,50	Coefficient of curvature	2,61	D90	22,84493 mm



Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %
50,0000	100,00	9,5200	70,66	0,1770	18,60	0,0073	8,56	0,0015	5,58
37,5000	96,19	4,7500	53,04	0,1050	16,83	0,0053	7,90	0,0011	4,91
25,0000	91,51	2,0000	42,86	0,0750	16,21	0,0038	7,40	0,0009	4,58
19,0000	86,91	0,8410	35,90	0,0139	9,56	0,0029	6,90	0,0008	4,25
12,5000	77,72	0,4200	27,89	0,0102	8,90	0,0021	6,24	0,0006	3,42

Certificate code: FO-116/02-007GRC-T / RIP:03-16/03/2023 / CIRC:16/03/2023

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Test place: Laboratory





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LT 090 06.03.23

ORDER	24.002.01
Sample ID	BH4-C1
Depth (m)	8.00-9.00
Test	WATER CONTENT
Cert./date	24.0009 03/06/2024

TEST REPORT N°: 24.0009	Page 1/1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 30/05/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH4	SAMPLE: C1	DEPTH: m 8.00-9.00

### WATER CONTENT

Methods: Standard ASTM D2216-10

**W<sub>n</sub> = Natural water content = 5,1 %**

Soil structure:

- Homogeneous  
 Stratified  
 Not homogeneous

Drying temperature: 110 °C

Certificate code: FO-116/02-003UMID-T / RIP:03-16/03/2023 / CIRC:16/03/2023

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Test place: Laboratory

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LT 090 06.03.23

ORDER	24.002.01
Sample ID	BH4-C1
Depth (m)	8.00-9.00
Test	SPECIFIC GRAV.
Cert./date	24.0010 03/06/2024

TEST REPORT N°: 24.0010	Page 1/1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 31/05/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH4	SAMPLE: C1	DEPTH: m 8.00-9.00

### SPECIFIC GRAVITY

Methods: Standard ASTM D854-14

$\gamma_s$  = Specific gravity (average of 2 measurements) (g/cm<sup>3</sup>) = 25,71 g/cm<sup>3</sup>

$\gamma_{sc}$  = Specific gravity at 20° (g/cm<sup>3</sup>) = 25,68 g/cm<sup>3</sup>

Method:  A  B

Pycnometer size: 100 ml

Test temperature: 25,2 °C

Certificate code: FO-116/02-005GS-T / RIP:03-16/03/2023 / CIRC:16/03/2023

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Test place: Laboratory

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ORDER	24.002.01
Sample ID	BH4-C1
Depth (m)	8.00-9.00
Test	ATTERBERG L.
Cert./date	24.0011 03/06/2024

TEST REPORT N°: 24.0011	Page 1/1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 31/05/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH4	SAMPLE: C1	DEPTH: m 8.00-9.00

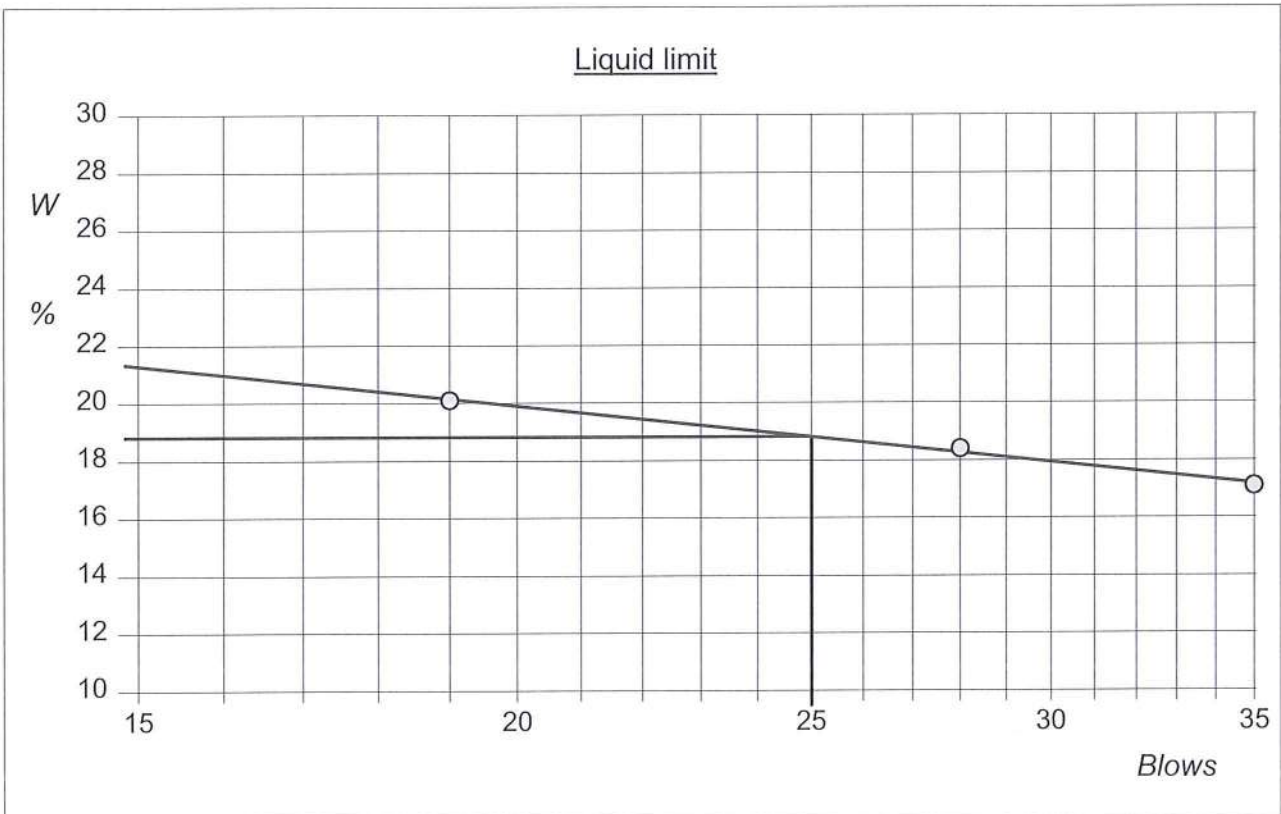
### ATTERBERG LIMITS

Methods: Standard ASTM D4318-17e1

Liquid limit	18,8 %
Plastic limit	14,5 %
Plasticity index	4,3 %

The liquid and plastic limits have been performed on the material passing n° 40 (0.42 mm) sieve

LIQUID LIMIT					PLASTIC LIMIT		
Blows	19	28	35		Water content	14,5	14,4
Water content	20,1	18,4	17,1		Mean water content	14,5	



Certificate code: FO-116/02-008LIM-T / RIP:03-16/03/2023 / CIRC:16/03/2023

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 Test place: Laboratory

Doit. D. Del Negro





ORDER	24.002.01
Sample ID	BH4-C1
Depth (m)	8.00-9.00
Test	ATTERBERG L.
Cert./date	24.0011 03/06/2024

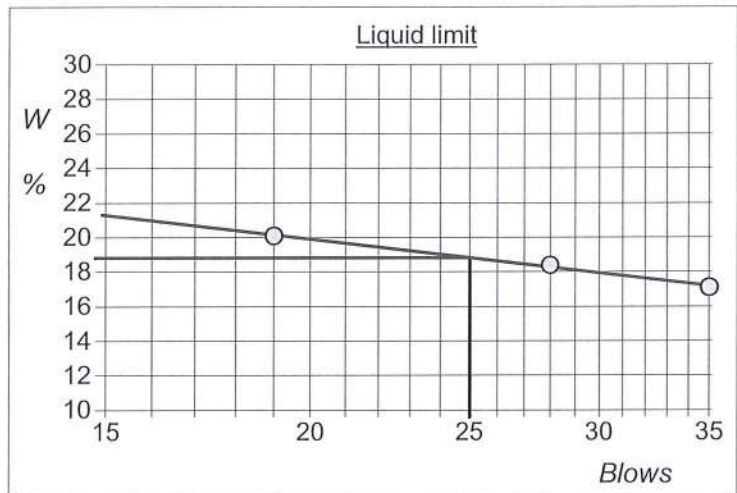
TEST REPORT N°: 24.0011	Allegato 1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 31/05/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH4	SAMPLE: C1	DEPTH: m 8.00-9.00

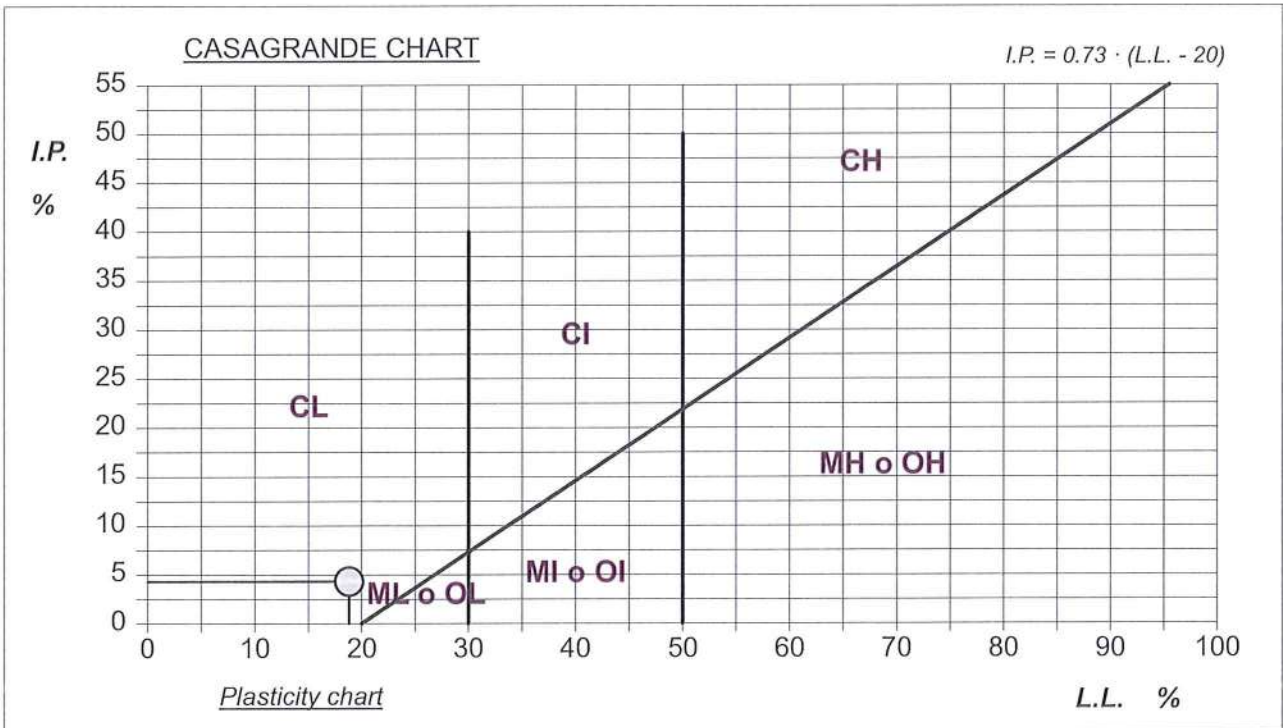
### CASAGRANDE CHART

Methods: Standard ASTM D4318-17e1

Liquid limit	18,8	%
Plastic limit	14,5	%
Plasticity index	4,3	%
Liquidity index	3,18	
Passing the n. 40 sieve	YES	



<b>C - Inorganic clays</b>	<b>L - Low compressibility</b>
M - Inorganic silts	I - Medium compressibility
O - Organic soils	H - High compressibility



Certificate code: FO-116/02-008LIM-T / RIP:03-16/03/2023 / CIRC:16/03/2023

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Test place: Laboratory





ORDER	24.002.01
Sample ID	BH4-C1
Depth (m)	8.00-9.00
Test	GRAIN SIZE AN.
Cert./date	24.0012 03/06/2024

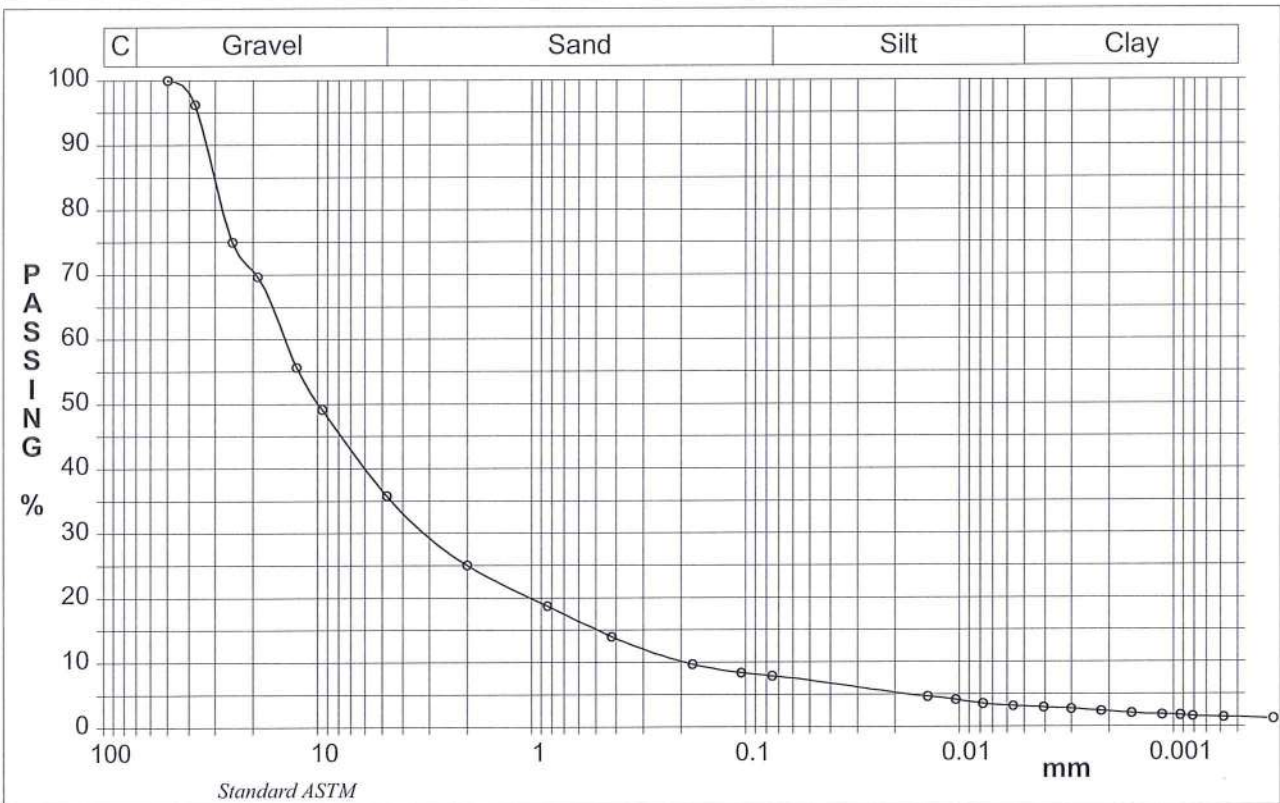
TEST REPORT N°: 24.0012	Page 1/1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 31/05/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH4	SAMPLE: C1	DEPTH: m 8.00-9.00

## GRAIN SIZE ANALYSIS

Methods: Standard ASTM D6913/D6913-17-ASTM D7928

Gravel	64,2 %	Passing n. 10 sieve (2 mm)	25,0 %	D10	0,18767 mm
Sand	27,9 %	Passing n. 40 sieve (0.42 mm)	14,0 %	D30	2,98432 mm
Silt	4,8 %	Passing n. 200 sieve (0.075 mm)	7,9 %	D50	9,87798 mm
Clay	3,1 %			D60	14,24448 mm
Coefficient of uniformity	75,90	Coefficient of curvature	3,33	D90	33,28640 mm



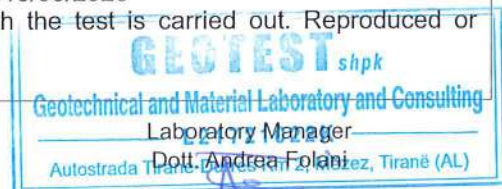
Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %
50,0000	100,00	9,5200	49,12	0,1770	9,71	0,0078	3,53	0,0016	2,08
37,5000	96,25	4,7500	35,78	0,1050	8,36	0,0056	3,21	0,0011	1,83
25,0000	75,00	2,0000	25,03	0,0750	7,87	0,0041	2,97	0,0009	1,75
19,0000	69,64	0,8410	18,72	0,0140	4,67	0,0030	2,72	0,0008	1,59
12,5000	55,63	0,4200	13,96	0,0104	4,18	0,0022	2,40	0,0006	1,43

Certificate code: FO-116/02-007GRC-T / RIP:03-16/03/2023 / CIRC:16/03/2023

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Test place: Laboratory

Dott. D. Del Negro





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LT 090 06.03.23

ORDER	24.002.01
Sample ID	BH4-C1
Depth (m)	8.00-9.00
Test	CHEMICAL
Cert./date	24.0042 03/06/2024

TEST CERTIFICATE N°: 24.0042	Page 1/1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 31/05/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN
BOREHOLE: BH4	SAMPLE: C1 DEPTH: m 8.00-9.00

**DETERMINATION OF ORGANIC CONTENT**

Methods: Standard ASTM D2974-20e1

**Organic matter: 1,20 %**

Umidità iniziale : 5,1 %

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LT 090 06.03.23

ORDER	24.002.01
Sample ID	BH8-C1
Depth (m)	7.00-8.00
Test	WATER CONTENT
Cert./date	24.0013 03/06/2024

TEST REPORT N°: 24.0013	Page 1/1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 30/05/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH8	SAMPLE: C1	DEPTH: m 7.00-8.00

### WATER CONTENT

Methods: Standard ASTM D2216-10

**W<sub>n</sub> = Natural water content = 2,8 %**

Soil structure:

- Homogeneous  
 Stratified  
 Not homogeneous

Drying temperature: 110 °C

Certificate code: FO-116/02-003UMID-T / RIP:03-16/03/2023 / CIRC:16/03/2023

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Test place: Laboratory

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ORDER	24.002.01
Sample ID	BH8-C1
Depth (m)	7.00-8.00
Test	SPECIFIC GRAV.
Cert./date	24.0014 03/06/2024

TEST REPORT N°: 24.0014	Page 1/1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 31/05/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH8	SAMPLE: C1	DEPTH: m 7.00-8.00

### SPECIFIC GRAVITY

Methods: Standard ASTM D854-14

$\gamma_s$  = Specific gravity (average of 2 measurements) (g/cm<sup>3</sup>) = 25,59 g/cm<sup>3</sup>

$\gamma_{sc}$  = Specific gravity at 20° (g/cm<sup>3</sup>) = 25,57 g/cm<sup>3</sup>

Method:  A  B

Pycnometer size: 100 ml

Test temperature: 25,0 °C

Certificate code: FO-116/02-005GS-T / RIP:03-16/03/2023 / CIRC:16/03/2023

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Test place: Laboratory





ORDER	24.002.01
Sample ID	BH8-C1
Depth (m)	7.00-8.00
Test	ATTERBERG L.
Cert./date	24.0015 03/06/2024

TEST REPORT N°: 24.0015	Page 1/1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 31/05/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN
BOREHOLE: BH8	SAMPLE: C1 DEPTH: m 7.00-8.00

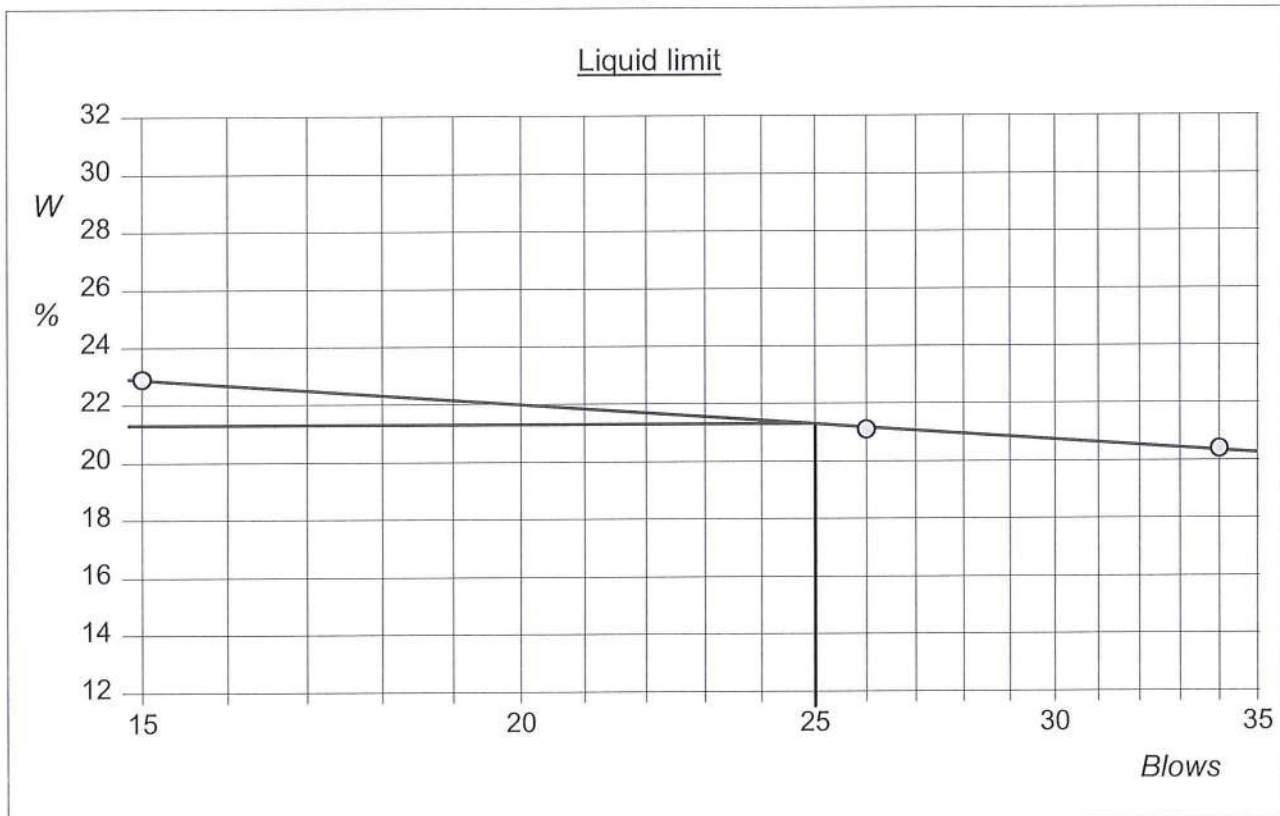
### ATTERBERG LIMITS

Methods: Standard ASTM D4318-17e1

Liquid limit	21,3 %
Plastic limit	16,4 %
Plasticity index	4,9 %

The liquid and plastic limits have been performed on the material passing n° 40 (0.42 mm) sieve

LIQUID LIMIT					PLASTIC LIMIT		
Blows	15	26	34		Water content	16,4	16,3
Water content	22,9	21,1	20,4		Mean water content	16,4	



Certificate code: FO-116/02-008LIM-T / RIP:03-16/03/2023 / CIRC:16/03/2023

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Test place: Laboratory





ORDER	24.002.01
Sample ID	BH8-C1
Depth (m)	7.00-8.00
Test	ATTERBERG L.
Cert./date	24.0015 03/06/2024

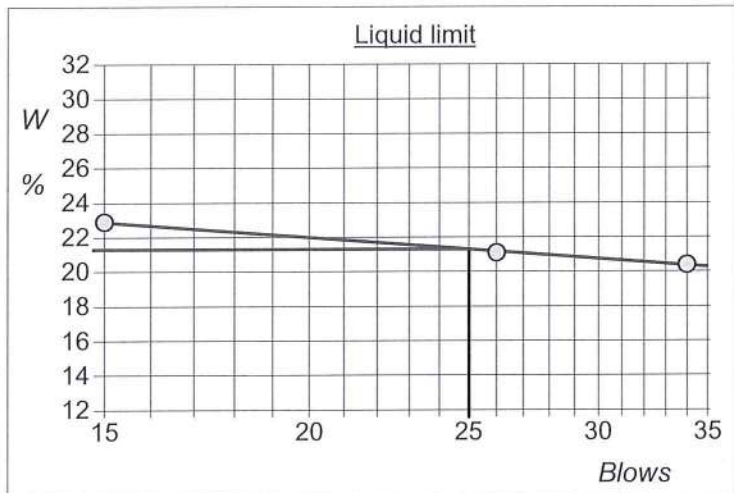
TEST REPORT N°: 24.0015	Allegato 1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 31/05/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN
BOREHOLE: BH8	SAMPLE: C1
	DEPTH: m 7.00-8.00

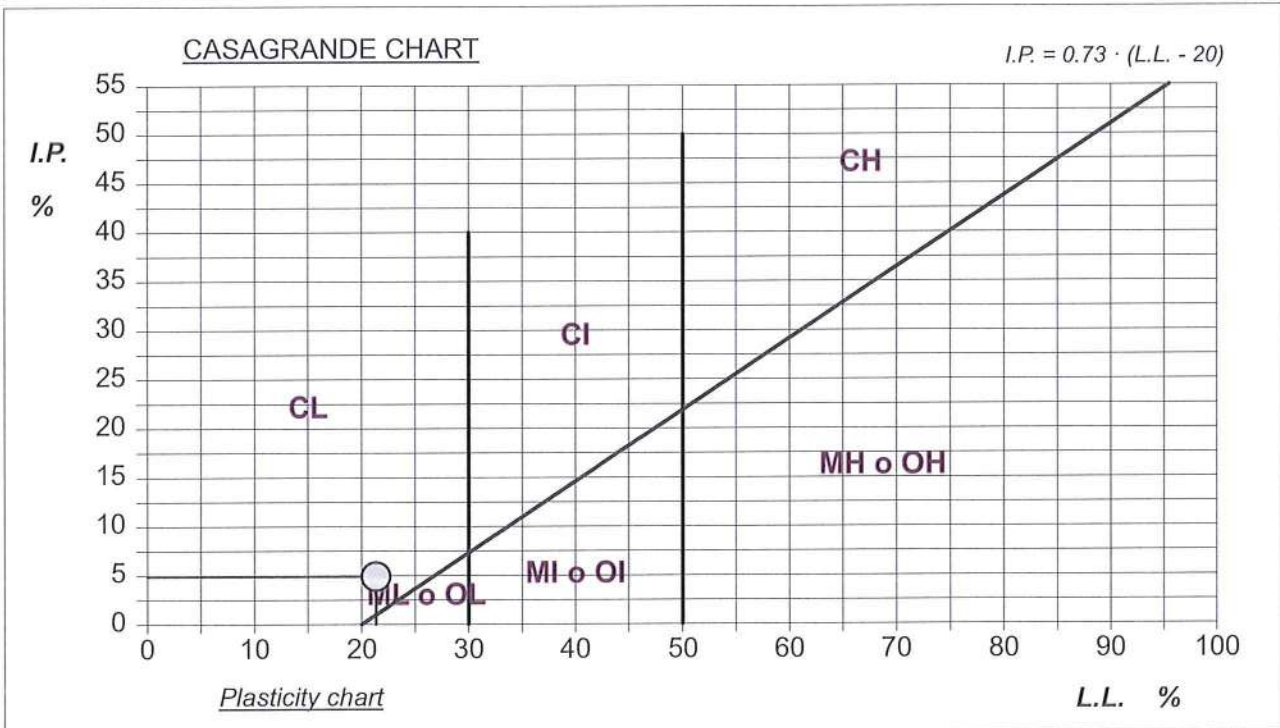
### CASAGRANDE CHART

Methods: Standard ASTM D4318-17e1

Liquid limit	21,3	%
Plastic limit	16,4	%
Plasticity index	4,9	%
Liquidity index	3,78	
Passing the n. 40 sieve	YES	



<b>C - Inorganic clays</b>	<b>L - Low compressibility</b>
M - Inorganic silts	I - Medium compressibility
O - Organic soils	H - High compressibility



Certificate code: FO-116/02-008LIM-T / RIP:03-16/03/2023 / CIRC:16/03/2023

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Test place: Laboratory







ORDER	24.002.01
Sample ID	BH8-C1
Depth (m)	7.00-8.00
Test	GRAIN SIZE AN.
Cert./date	24.0016 03/06/2024

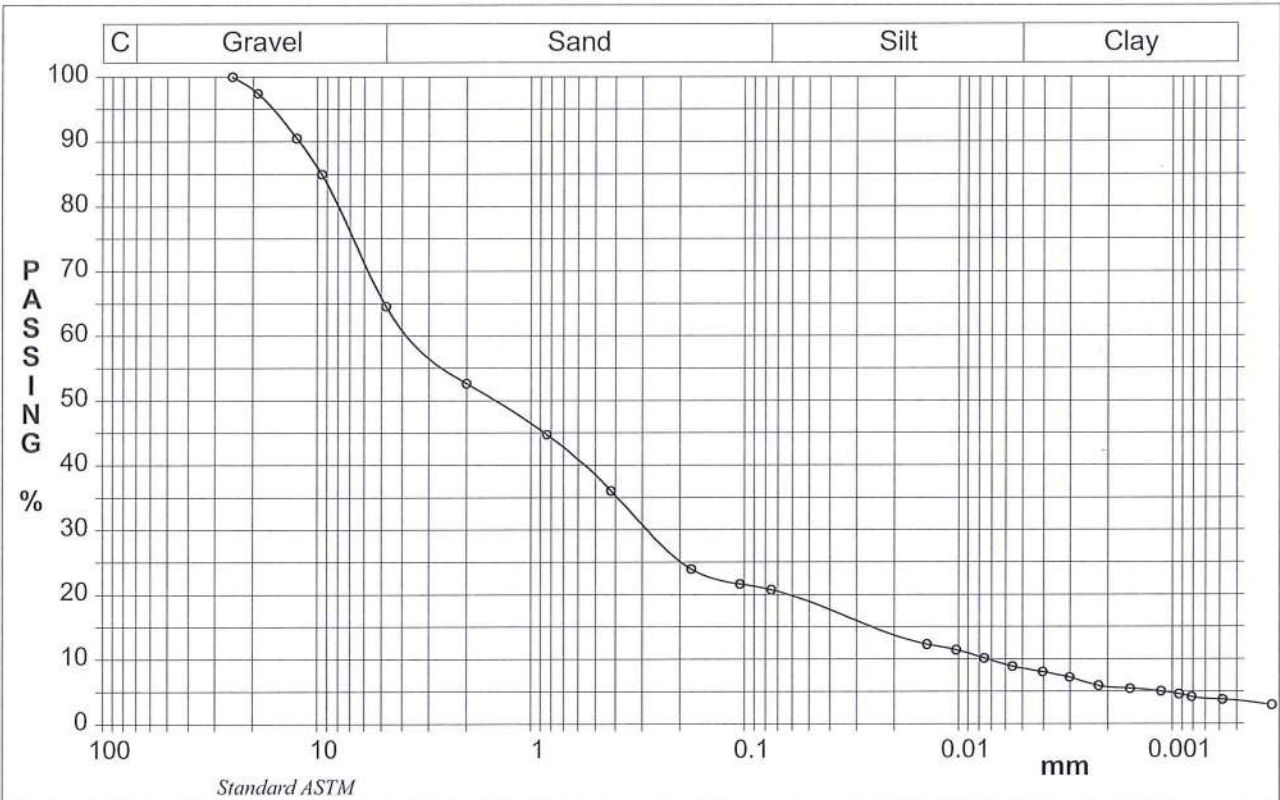
TEST REPORT N°: 24.0016	Page 1/1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 31/05/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN
BOREHOLE: BH8	SAMPLE: C1 DEPTH: m 7.00-8.00

## GRAIN SIZE ANALYSIS

Methods: Standard ASTM D6913/D6913-17-ASTM D7928

Gravel	35,5 %	Passing n. 10 sieve (2 mm)	52,6 %	D10	0,00729 mm
Sand	43,8 %	Passing n. 40 sieve (0.42 mm)	36,0 %	D30	0,27319 mm
Silt	12,1 %	Passing n. 200 sieve (0.075 mm)	20,7 %	D50	1,49794 mm
Clay	8,6 %			D60	3,41437 mm
Coefficient of uniformity	468,54	Coefficient of curvature	3,00	D90	12,19118 mm



Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %
25,0000	100,00	2,0000	52,64	0,0750	20,73	0,0040	8,03	0,0009	4,61
19,0000	97,46	0,8410	44,73	0,0141	12,29	0,0030	7,17	0,0008	4,18
12,5000	90,51	0,4200	36,03	0,0103	11,44	0,0022	5,89	0,0006	3,76
9,5200	84,94	0,1770	23,91	0,0076	10,16	0,0016	5,46	0,0003	2,90
4,7500	64,54	0,1050	21,63	0,0056	8,88	0,0011	5,04		

Certificate code: FO-116/02-007GRC-T / RIP:03-16/03/2023 / CIRC:16/03/2023

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Test place: Laboratory





**GEOTEST Sh.p.k.**  
**Geotechnical and Material Laboratory  
and Consulting**

Autoshrada Tirane - Durrës km 2 - Mëzez, Kashar, Tirane  
Tel: +355 42 453 160 email: info@geotest.al NPTF L21721022K



LT 090 06.03.23

ORDER	24.002.01
Sample ID	BH8-C1
Depth (m)	7.00-8.00
Test	CHEMICAL
Cert./date	24.0043 03/06/2024

TEST CERTIFICATE N°: 24.0043	Page 1/1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 31/05/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH8	SAMPLE: C1	DEPTH: m 7.00-8.00

### DETERMINATION OF ORGANIC CONTENT

Methods: Standard ASTM D2974-20e1

**Organic matter: 2,08 %**

Umidità iniziale : 2,8 %





ORDER	24.002.01
Sample ID	BH8-C2
Depth (m)	12.00-13.00
Test	WATER CONTENT
Cert./date	24.0017 03/06/2024

TEST REPORT N°: 24.0017	Page 1/1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 30/05/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH8	SAMPLE: C2	DEPTH: m 12.00-13.00

### WATER CONTENT

Methods: Standard ASTM D2216-10

**W<sub>n</sub> = Natural water content = 5,2 %**

Soil structure:

Homogeneous  
 Stratified  
 Not homogeneous

Drying temperature: 110 °C

Certificate code: FO-116/02-003UMID-T / RIP:03-16/03/2023 / CIRC:16/03/2023

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Test place: Laboratory





ORDER	24.002.01
Sample ID	BH8-C2
Depth (m)	12.00-13.00
Test	SPECIFIC GRAV.
Cert./date	24.0018 03/06/2024

TEST REPORT N°: 24.0018	Page 1/1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 31/05/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH8	SAMPLE: C2	DEPTH: m 12.00-13.00

### SPECIFIC GRAVITY

Methods: Standard ASTM D854-14

$\gamma_s$  = Specific gravity (average of 2 measurements) (g/cm<sup>3</sup>) = 26,80 g/cm<sup>3</sup>

$\gamma_{sc}$  = Specific gravity at 20° (g/cm<sup>3</sup>) = 26,77 g/cm<sup>3</sup>

Method:  A  B

Pycnometer size: 100 ml

Test temperature: 25,6 °C

Certificate code: FO-116/02-005GS-T / RIP:03-16/03/2023 / CIRC:16/03/2023

NOTE : This document is valuable only for the sample for which the test is carried out. Reproduced or recreated document is not valid

Test place: Laboratory



ORDER	24.002.01
Sample ID	BH8-C2
Depth (m)	12.00-13.00
Test	ATTERBERG L.
Cert./date	24.0019 03/06/2024

TEST REPORT N°: 24.0019	Page 1/1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 31/05/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN
BOREHOLE: BH8	SAMPLE: C2 DEPTH: m 12.00-13.00

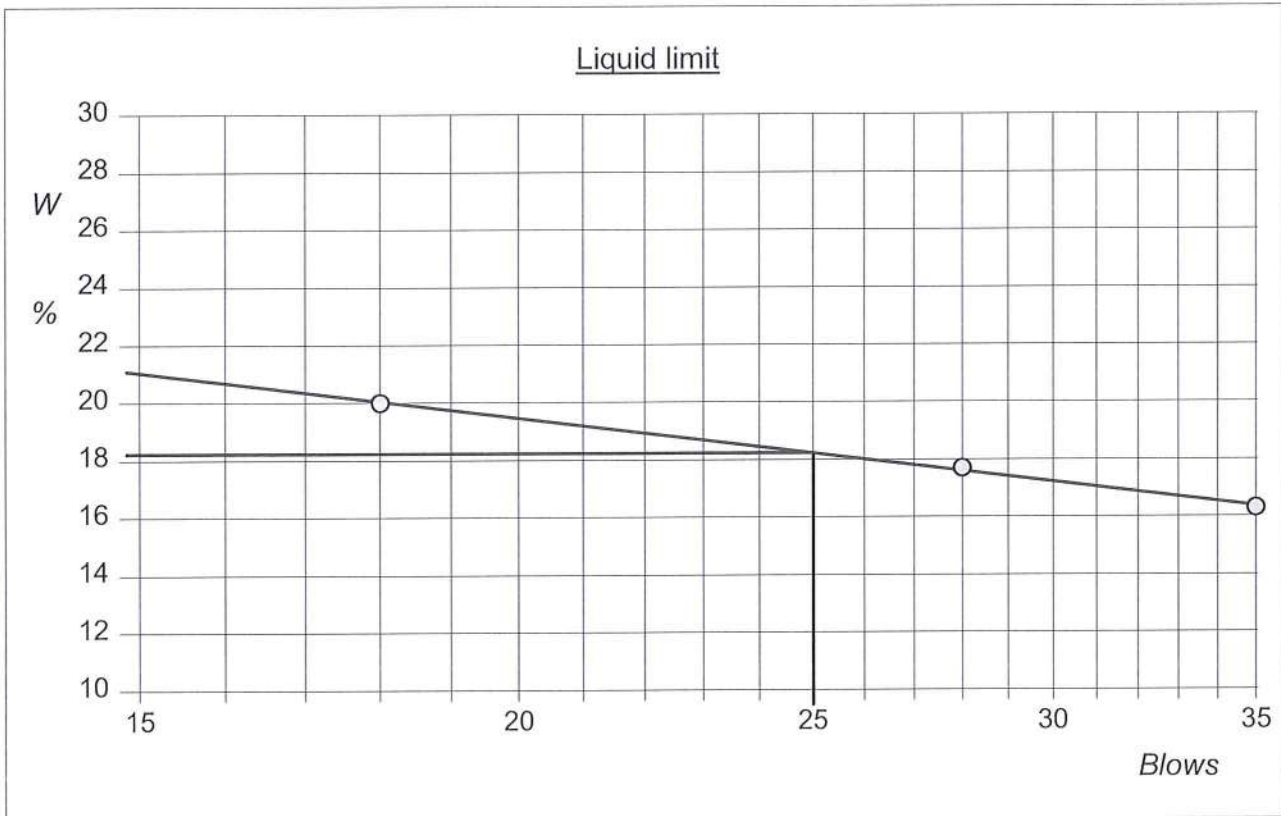
### ATTERBERG LIMITS

Methods: Standard ASTM D4318-17e1

Liquid limit	18,2 %
Plastic limit	13,6 %
Plasticity index	4,6 %

The liquid and plastic limits have been performed on the material passing n° 40 (0.42 mm) sieve

LIQUID LIMIT					PLASTIC LIMIT		
Blows	18	28	35		Water content	13,9	13,3
Water content	20,0	17,7	16,3		Mean water content	13,6	



Certificate code: FO-116/02-008LIM-T / RIP:03-16/03/2023 / CIRC:16/03/2023

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Test place: Laboratory

Dott. D. Del-Negro





ORDER	24.002.01
Sample ID	BH8-C2
Depth (m)	12.00-13.00
Test	ATTERBERG L.
Cert./date	24.0019 03/06/2024

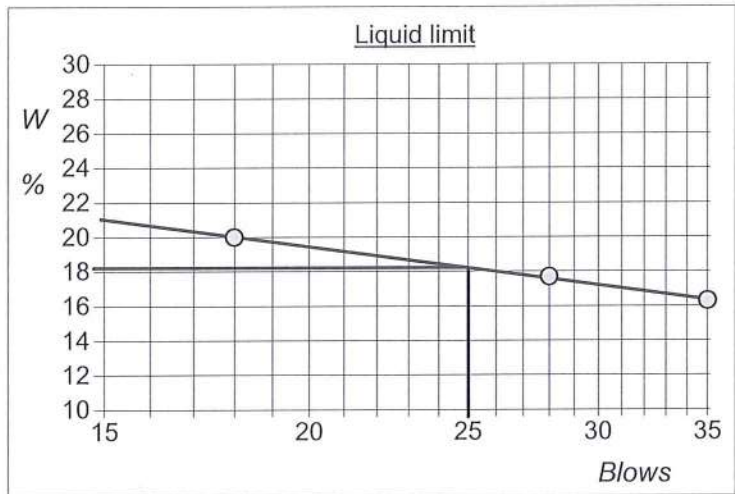
TEST REPORT N°: 24.0019	Allegato 1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 31/05/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH8	SAMPLE: C2	DEPTH: m 12.00-13.00

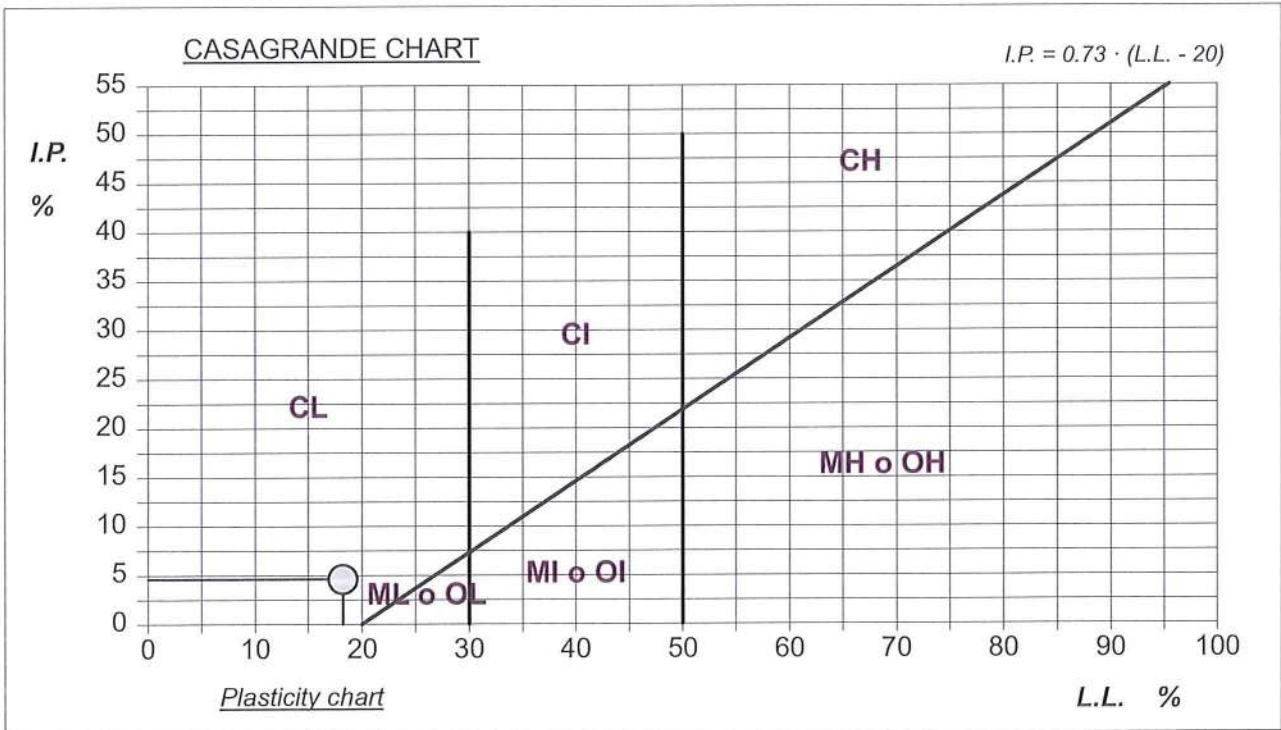
### CASAGRANDE CHART

Methods: Standard ASTM D4318-17e1

Liquid limit	18,2	%
Plastic limit	13,6	%
Plasticity index	4,6	%
Liquidity index	2,83	
Passing the n. 40 sieve	YES	



<b>C - Inorganic clays</b>	<b>L - Low compressibility</b>
M - Inorganic silts	I - Medium compressibility
O - Organic soils	H - High compressibility



Certificate code: FO-116/02-008LIM-T / RIP:03-16/03/2023 / CIRC:16/03/2023

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Test place: Laboratory





ORDER	24.002.01
Sample ID	BH8-C2
Depth (m)	12.00-13.00
Test	GRAIN SIZE AN.
Cert./date	24.0020 03/06/2024

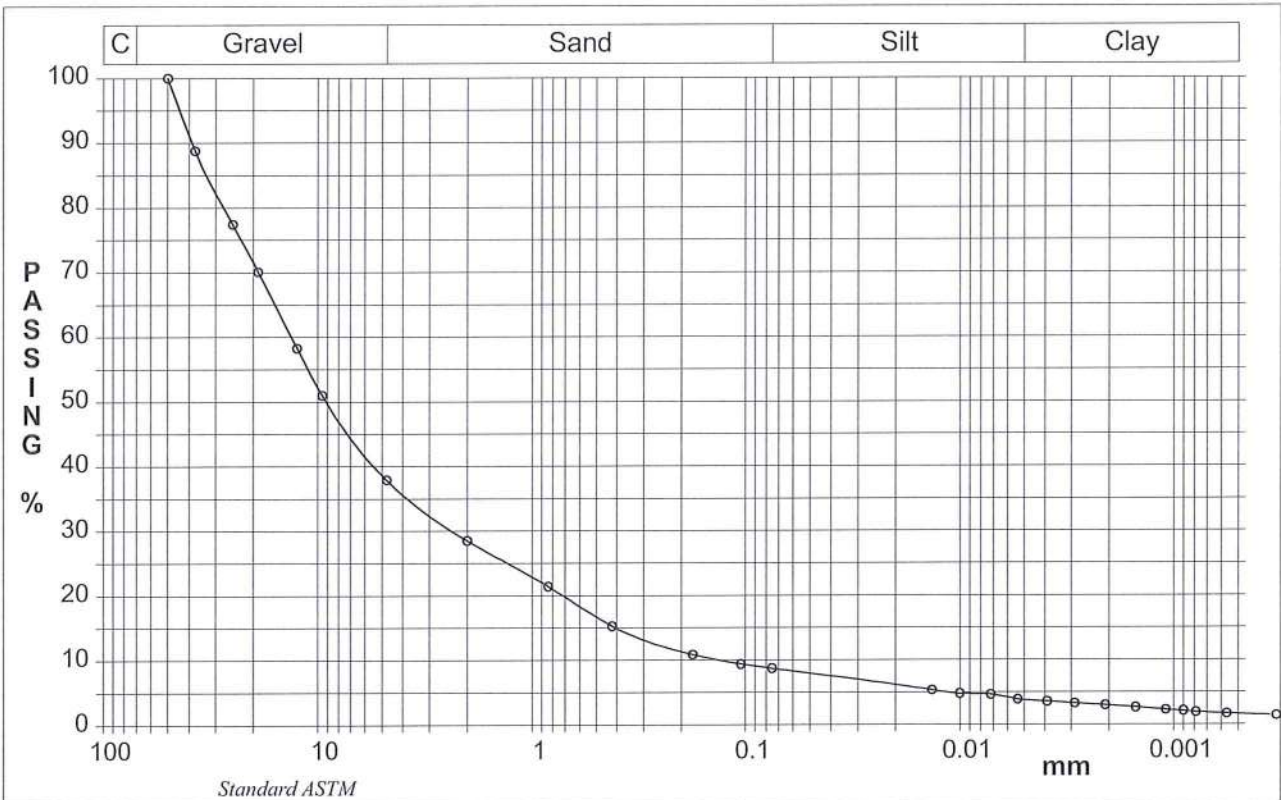
TEST REPORT N°: 24.0020	Page 1/1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 31/05/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN
BOREHOLE: BH8	SAMPLE: C2 DEPTH: m 12.00-13.00

### GRAIN SIZE ANALYSIS

Methods: Standard ASTM D6913/D6913-17-ASTM D7928

Gravel	62,1 %	Passing n. 10 sieve (2 mm)	28,5 %	D10	0,13069 mm
Sand	29,2 %	Passing n. 40 sieve (0.42 mm)	15,3 %	D30	2,29958 mm
Silt	4,9 %	Passing n. 200 sieve (0.075 mm)	8,7 %	D50	9,04080 mm
Clay	3,8 %			D60	13,29607 mm
Coefficient of uniformity	101,74	Coefficient of curvature	3,04	D90	38,67652 mm



Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %
50,0000	100,00	9,5200	50,97	0,1770	10,86	0,0072	4,63	0,0015	2,66
37,5000	88,80	4,7500	37,88	0,1050	9,38	0,0054	3,91	0,0011	2,30
25,0000	77,41	2,0000	28,48	0,0750	8,71	0,0039	3,55	0,0009	2,12
19,0000	70,08	0,8410	21,41	0,0135	5,35	0,0029	3,28	0,0008	1,94
12,5000	58,26	0,4200	15,25	0,0100	4,81	0,0021	3,02	0,0006	1,67

Certificate code: FO-116/02-007GRC-T / RIP:03-16/03/2023 / CIRC:16/03/2023

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Test place: Laboratory

Dott. D. Del Negro





ORDER	24.002.01
Sample ID	BH11-C1
Depth (m)	5.00-6.00
Test	WATER CONTENT
Cert./date	24.0021 03/06/2024

TEST REPORT N°: 24.0021	Page 1/1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 30/05/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH11	SAMPLE: C1	DEPTH: m 5.00-6.00

### WATER CONTENT

Methods: Standard ASTM D2216-10

**Wn = Natural water content = 17,3 %**

Soil structure:

- Homogeneous  
 Stratified  
 Not homogeneous

Drying temperature: 110 °C

Certificate code: FO-116/02-003UMID-T / RIP:03-16/03/2023 / CIRC:16/03/2023

NOTE : This document is valuable only for the sample for which the test is carried out. Reproduced or recreated document is not valid

Test place: Laboratory







ORDER	24.002.01
Sample ID	BH11-C1
Depth (m)	5.00-6.00
Test	SPECIFIC GRAV.
Cert./date	24.0022 03/06/2024

TEST REPORT N°: 24.0022	Page 1/1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 31/05/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH11	SAMPLE: C1	DEPTH: m 5.00-6.00

### SPECIFIC GRAVITY

Methods: Standard ASTM D854-14

$\gamma_s$  = Specific gravity (average of 2 measurements) (g/cm<sup>3</sup>) = 27,05 g/cm<sup>3</sup>

$\gamma_{sc}$  = Specific gravity at 20° (g/cm<sup>3</sup>) = 27,02 g/cm<sup>3</sup>

Method:  A  B

Pycnometer size: 100 ml

Test temperature: 25,2 °C

Certificate code: FO-116/02-005GS-T / RIP:03-16/03/2023 / CIRC:16/03/2023

NOTE : This document is valuable only for the sample for which the test is carried out. Reproduced or recreated document is not valid

Test place: Laboratory

Dott. D. Del Negro





ORDER	24.002.01
Sample ID	BH11-C1
Depth (m)	5.00-6.00
Test	ATTERBERG L.
Cert./date	24.0023 03/06/2024

TEST REPORT N°: 24.0023	Page 1/1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 31/05/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN
BOREHOLE: BH11	SAMPLE: C1 DEPTH: m 5.00-6.00

### ATTERBERG LIMITS

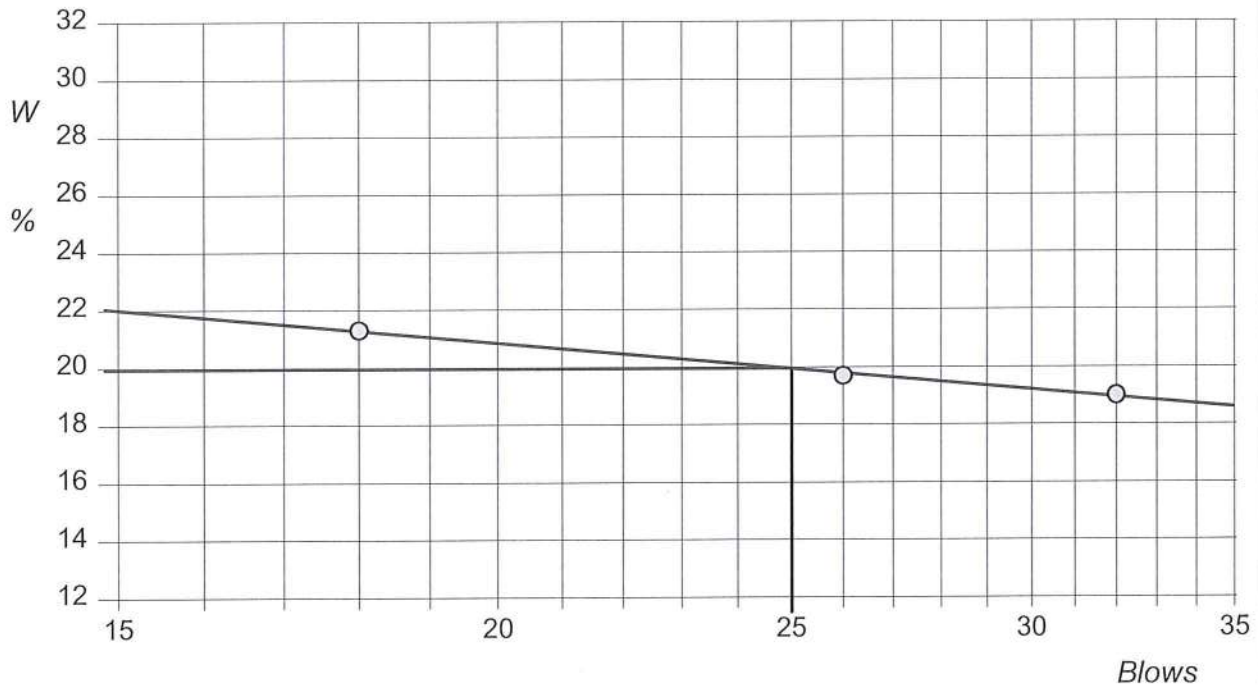
Methods: Standard ASTM D4318-17e1

Liquid limit	19,9 %
Plastic limit	14,7 %
Plasticity index	5,2 %

The liquid and plastic limits have been performed on the material passing n° 40 (0.42 mm) sieve

LIQUID LIMIT					PLASTIC LIMIT		
Blows	18	26	32		Water content	14,9	14,4
Water content	21,3	19,7	19,0		Mean water content	14,7	

#### Liquid limit

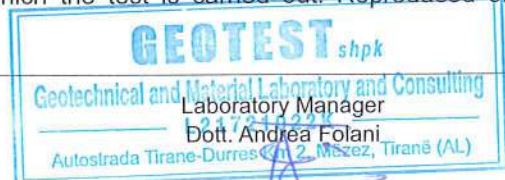


Certificate code: FO-116/02-008LIM-T / RIP:03-16/03/2023 / CIRC:16/03/2023

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Test place: Laboratory

Dott. D. Del Negro





ORDER	24.002.01
Sample ID	BH11-C1
Depth (m)	5.00-6.00
Test	ATTERBERG L.
Cert./date	24.0023 03/06/2024

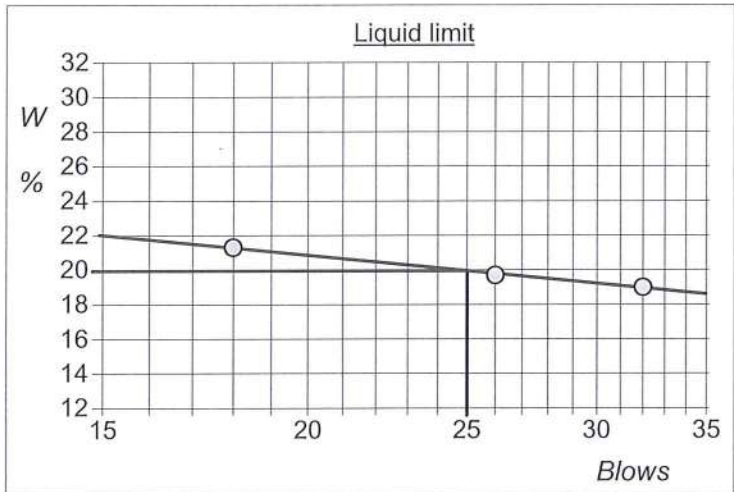
TEST REPORT N°: 24.0023	Allegato 1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 31/05/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN
BOREHOLE: BH11	SAMPLE: C1 DEPTH: m 5.00-6.00

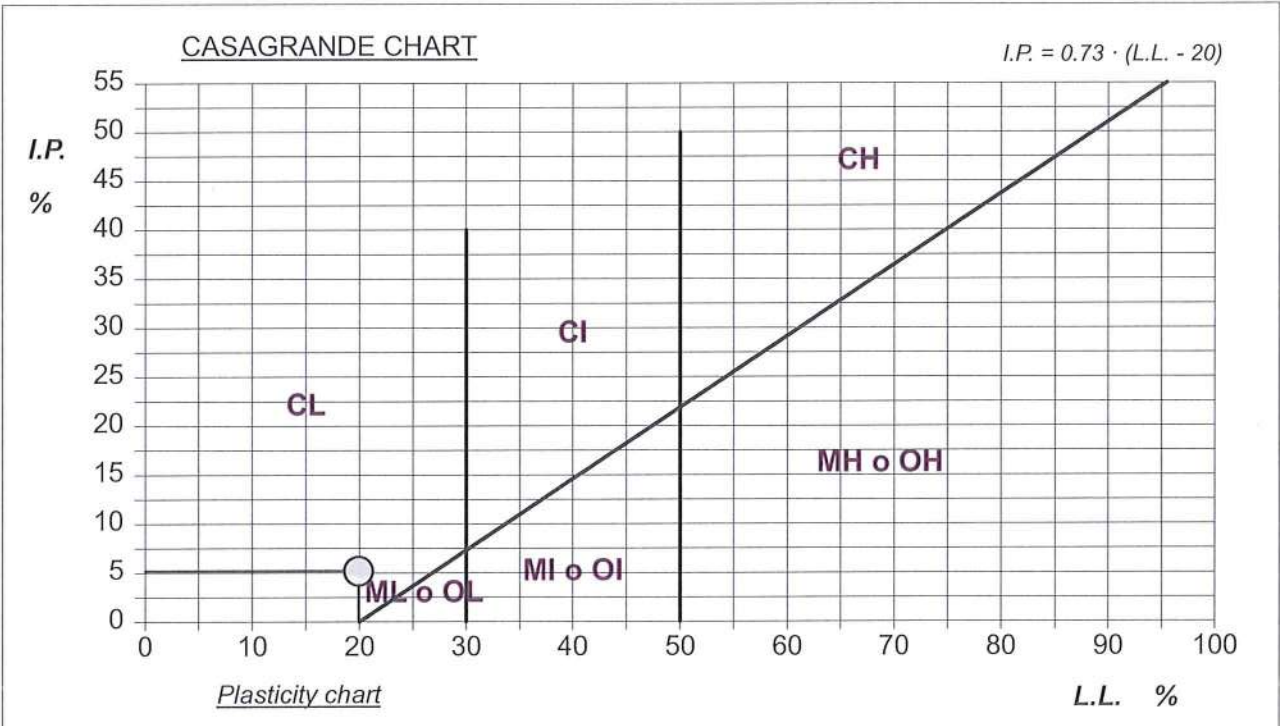
### CASAGRANDE CHART

Methods: Standard ASTM D4318-17e1

Liquid limit	19,9	%
Plastic limit	14,7	%
Plasticity index	5,2	%
Liquidity index	0,51	
Passing the n. 40 sieve	YES	



<b>C - Inorganic clays</b>	<b>L - Low compressibility</b>
M - Inorganic silts	I - Medium compressibility
O - Organic soils	H - High compressibility



Certificate code: FO-116/02-008LIM-T / RIP:03-16/03/2023 / CIRC:16/03/2023  
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 Test place: Laboratory





ORDER	24.002.01
Sample ID	BH11-C1
Depth (m)	5.00-6.00
Test	GRAIN SIZE AN.
Cert./date	24.0024 03/06/2024

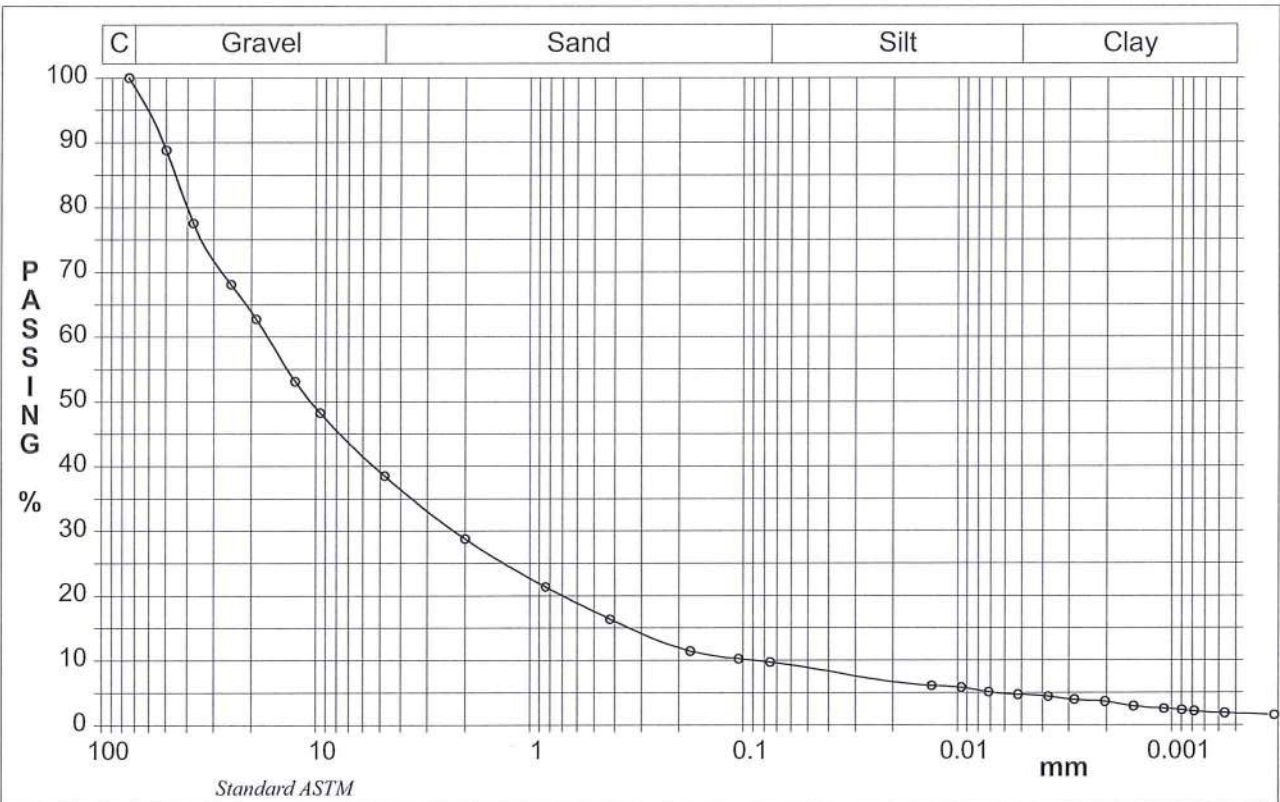
TEST REPORT N°: 24.0024	Page 1/1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 31/05/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN
BOREHOLE: BH11	SAMPLE: C1 DEPTH: m 5.00-6.00

## GRAIN SIZE ANALYSIS

Methods: Standard ASTM D6913/D6913-17-ASTM D7928

Gravel	61,5 %	Passing n. 10 sieve (2 mm)	28,8 %	D10	0,08973 mm
Sand	28,8 %	Passing n. 40 sieve (0.42 mm)	16,3 %	D30	2,23072 mm
Silt	5,0 %	Passing n. 200 sieve (0.075 mm)	9,7 %	D50	10,50440 mm
Clay	4,7 %			D60	16,86298 mm
Coefficient of uniformity	187,94	Coefficient of curvature	3,29	D90	52,13149 mm



Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %
75,0000	100,00	12,5000	53,12	0,4200	16,35	0,0096	5,81	0,0020	3,63
50,0000	88,85	9,5200	48,23	0,1770	11,44	0,0072	5,11	0,0015	2,93
37,5000	77,56	4,7500	38,50	0,1050	10,24	0,0052	4,72	0,0011	2,54
25,0000	68,11	2,0000	28,77	0,0750	9,73	0,0038	4,42	0,0009	2,34
19,0000	62,74	0,8410	21,35	0,0132	6,10	0,0028	3,92	0,0008	2,14

Certificate code: FO-116/02-007GRC-T / RIP:03-16/03/2023 / CIRC:16/03/2023

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Test place: Laboratory





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Tel: +355 42 453 160 email: info@geotest.al NPT: L21721032K



LT 090 06.03.23

ORDER	24.002.01
Sample ID	BH11-C1
Depth (m)	5.00-6.00
Test	CHEMICAL
Cert./date	24.0044 03/06/2024

TEST CERTIFICATE N°: 24.0044	Page 1/1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 31/05/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH11	SAMPLE: C1	DEPTH: m 5.00-6.00

### DETERMINATION OF ORGANIC CONTENT

Methods: Standard ASTM D2974-20e1

**Organic matter: 1,28 %**

Umidità iniziale : 17,3 %





ORDER	24.002.01
Sample ID	BH13-C1
Depth (m)	12.50-13.50
Test	WATER CONTENT
Cert./date	24.0025 03/06/2024

TEST REPORT N°: 24.0025	Page 1/1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 30/05/24
CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK		
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN		
BOREHOLE: BH13	SAMPLE: C1	DEPTH: m 12.50-13.50	
<u>WATER CONTENT</u>			

**Wn = Natural water content = 8,7 %**

Soil structure:

- Homogeneous  
 Stratified  
 Not homogeneous

Drying temperature: 110 °C

Certificate code: FO-116/02-003UMID-T / RIP:03-16/03/2023 / CIRC:16/03/2023

NOTE : This document is valuable only for the sample for which the test is carried out. Reproduced or recreated document is not valid

Test place: Laboratory



ORDER	24.002.01
Sample ID	BH13-C1
Depth (m)	12.50-13.50
Test	SPECIFIC GRAV.
Cert./date	24.0026 03/06/2024

TEST REPORT N°: 24.0026	Page 1/1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 31/05/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH13	SAMPLE: C1	DEPTH: m 12.50-13.50

### SPECIFIC GRAVITY

$\gamma_s$  = Specific gravity (average of 2 measurements) (g/cm<sup>3</sup>) = 26,62 g/cm<sup>3</sup>

$\gamma_{sc}$  = Specific gravity at 20° (g/cm<sup>3</sup>) = 26,58 g/cm<sup>3</sup>

Method:  A  B

Pycnometer size: 100 ml

Test temperature: 25,8 °C

Certificate code: FO-116/02-005GS-T / RIP:03-16/03/2023 / CIRC:16/03/2023

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Test place: Laboratory

Dott. D. Del Negro





ORDER	24.002.01
Sample ID	BH13-C1
Depth (m)	12.50-13.50
Test	ATTERBERG L.
Cert./date	24.0027 03/06/2024

TEST REPORT N°: 24.0027	Page 1/1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 31/05/24

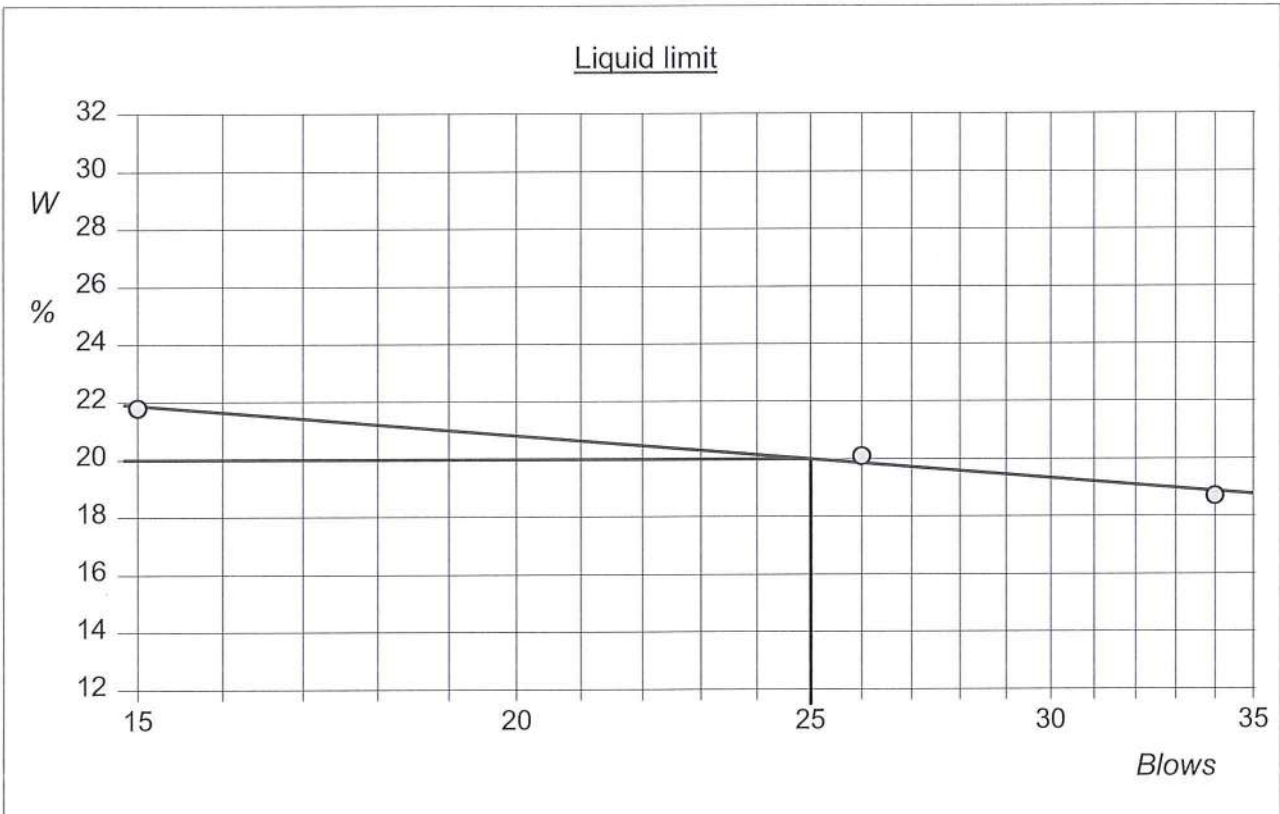
CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN
BOREHOLE: BH13	SAMPLE: C1 DEPTH: m 12.50-13.50

**ATTERBERG LIMITS**

Liquid limit	20,0 %
Plastic limit	14,2 %
Plasticity index	5,8 %

The liquid and plastic limits have been performed on the material passing n° 40 (0.42 mm) sieve

LIQUID LIMIT					PLASTIC LIMIT		
Blows	15	26	34		Water content	13,9	14,4
Water content	21,8	20,1	18,7		Mean water content	14,2	



Certificate code: FO-116/02-008LIM-T / RIP:03-16/03/2023 / CIRC:16/03/2023  
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 Test place: Laboratory

Dott. D. Del Negro







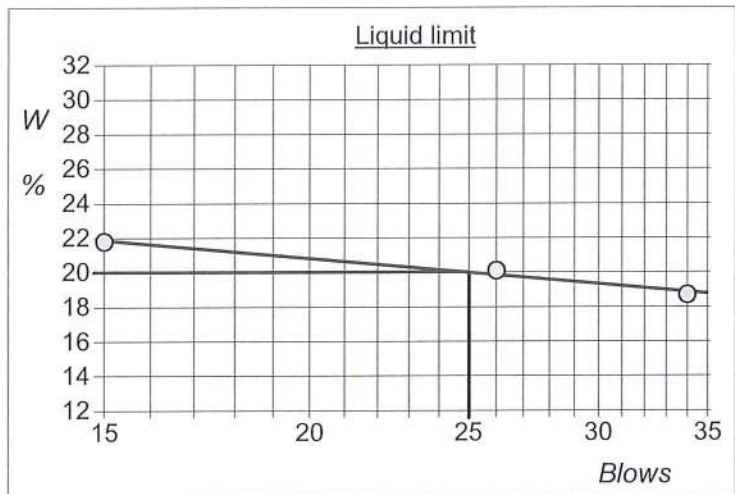
ORDER	24.002.01
Sample ID	BH13-C1
Depth (m)	12.50-13.50
Test	ATTERBERG L.
Cert./date	24.0027 03/06/2024

TEST REPORT N°: 24.0027	Allegato 1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 31/05/24

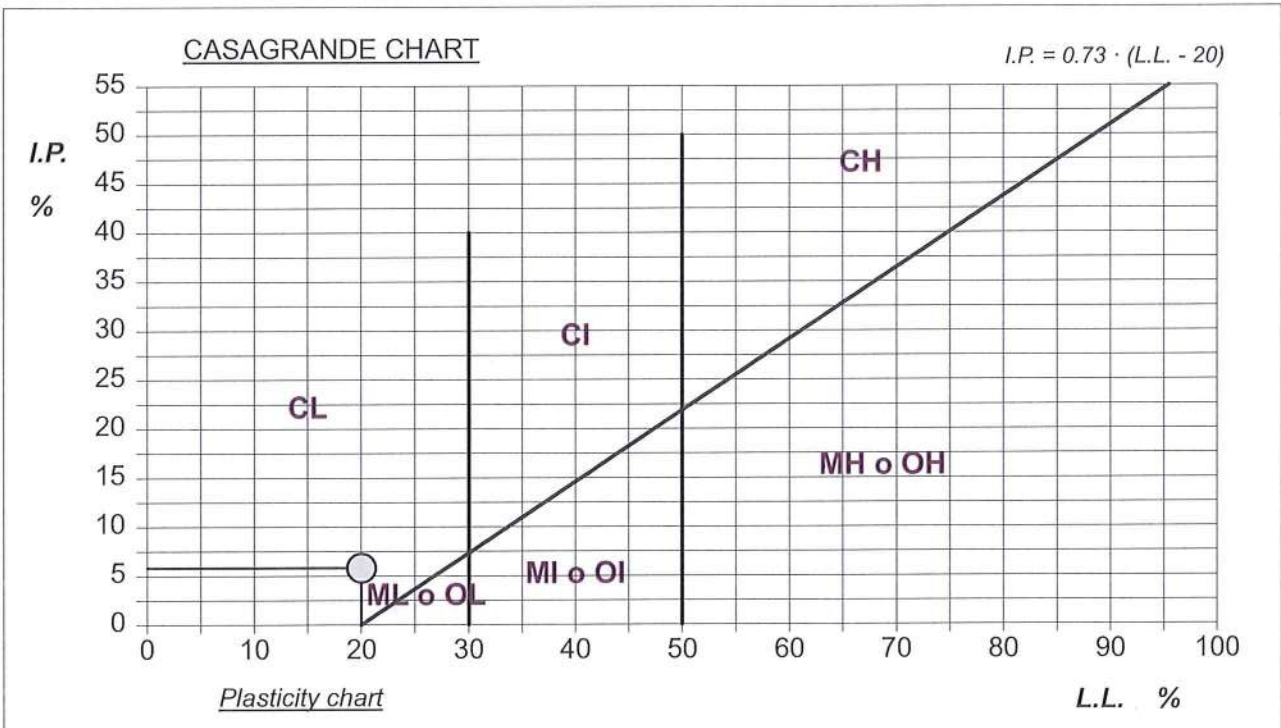
CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN
BOREHOLE: BH13	SAMPLE: C1 DEPTH: m 12.50-13.50

### CASAGRANDE CHART

Liquid limit	20,0	%
Plastic limit	14,2	%
Plasticity index	5,8	%
Liquidity index	1,94	
Passing the n. 40 sieve	YES	



<b>C - Inorganic clays</b>	<b>L - Low compressibility</b>
M - Inorganic silts	I - Medium compressibility
O - Organic soils	H - High compressibility



Certificate code: FO-116/02-008LIM-T / RIP:03-16/03/2023 / CIRC:16/03/2023

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Test place: Laboratory





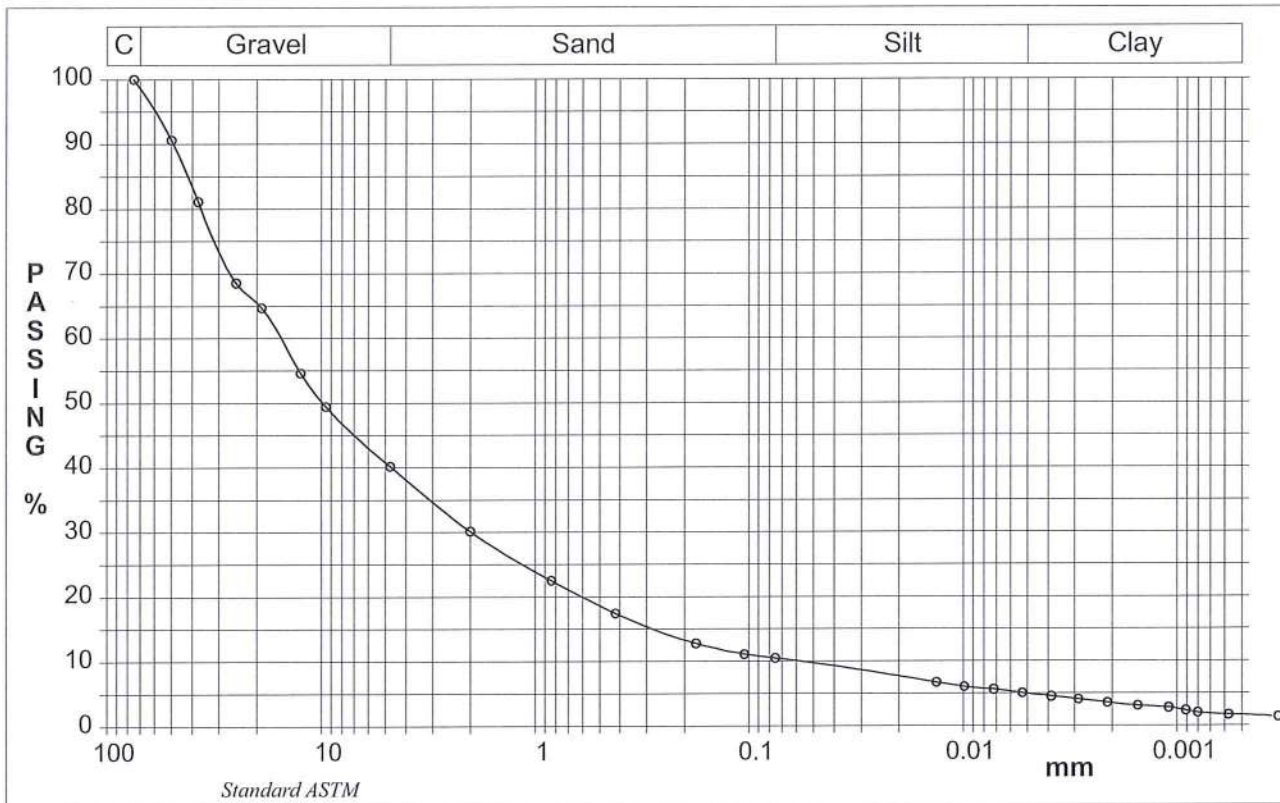
ORDER	24.002.01
Sample ID	BH13-C1
Depth (m)	12.50-13.50
Test	GRAIN SIZE AN.
Cert./date	24.0028 03/06/2024

TEST REPORT N°: 24.0028	Page 1/1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 31/05/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN
BOREHOLE: BH13	SAMPLE: C1 DEPTH: m 12.50-13.50

### GRAIN SIZE ANALYSIS

Gravel	59,8 %	Passing n. 10 sieve (2 mm)	30,1 %	D10	0,05989 mm
Sand	29,7 %	Passing n. 40 sieve (0.42 mm)	17,4 %	D30	1,97125 mm
Silt	5,5 %	Passing n. 200 sieve (0.075 mm)	10,5 %	D50	9,80462 mm
Clay	5,0 %			D60	15,62084 mm
				D90	49,05186 mm
Coefficient of uniformity	260,84	Coefficient of curvature	4,15		



Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %
75,0000	100,00	12,5000	54,61	0,4200	17,41	0,0099	6,05	0,0021	3,55
50,0000	90,63	9,5200	49,44	0,1770	12,77	0,0072	5,62	0,0015	3,11
37,5000	81,10	4,7500	40,18	0,1050	11,11	0,0053	5,07	0,0011	2,79
25,0000	68,54	2,0000	30,13	0,0750	10,49	0,0039	4,53	0,0009	2,35
19,0000	64,73	0,8410	22,51	0,0133	6,71	0,0029	4,09	0,0008	2,02

Certificate code: FO-116/02-007GRC-T / RIP:03-16/03/2023 / CIRC:16/03/2023

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Test place: Laboratory

Dott. D. Del-Negro





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LT 090 06.03.23

ORDER	24.002.01
Sample ID	BH16-C1
Depth (m)	9.00-10.00
Test	WATER CONTENT
Cert./date	24.0029 03/06/2024

TEST REPORT N°: 24.0029	Page 1/1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 30/05/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH16	SAMPLE: C1	DEPTH: m 9.00-10.00

### WATER CONTENT

Methods: Standard ASTM D2216-10

**W<sub>n</sub> = Natural water content = 5,1 %**

Soil structure:

- Homogeneous  
 Stratified  
 Not homogeneous

Drying temperature: 110 °C

Certificate code: FO-116/02-003UMID-T / RIP:03-16/03/2023 / CIRC:16/03/2023

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Test place: Laboratory

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ORDER	24.002.01
Sample ID	BH16-C1
Depth (m)	9.00-10.00
Test	SPECIFIC GRAV.
Cert./date	24.0030 03/06/2024

TEST REPORT N°: 24.0030	Page 1/1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 31/05/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH16	SAMPLE: C1	DEPTH: m 9.00-10.00

### SPECIFIC GRAVITY

Methods: Standard ASTM D854-14

$\gamma_s$  = Specific gravity (average of 2 measurements) (g/cm<sup>3</sup>) = 27,07 g/cm<sup>3</sup>

$\gamma_{sc}$  = Specific gravity at 20° (g/cm<sup>3</sup>) = 27,04 g/cm<sup>3</sup>

Method:  A  B

Pycnometer size: 100 ml

Test temperature: 25,5 °C

Certificate code: FO-116/02-005GS-T / RIP:03-16/03/2023 / CIRC:16/03/2023

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Test place: Laboratory





ORDER	24.002.01
Sample ID	BH16-C1
Depth (m)	9.00-10.00
Test	ATTERBERG L.
Cert./date	24.0031 03/06/2024

TEST REPORT N°: 24.0031	Page 1/1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 31/05/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH16	SAMPLE: C1	DEPTH: m 9.00-10.00

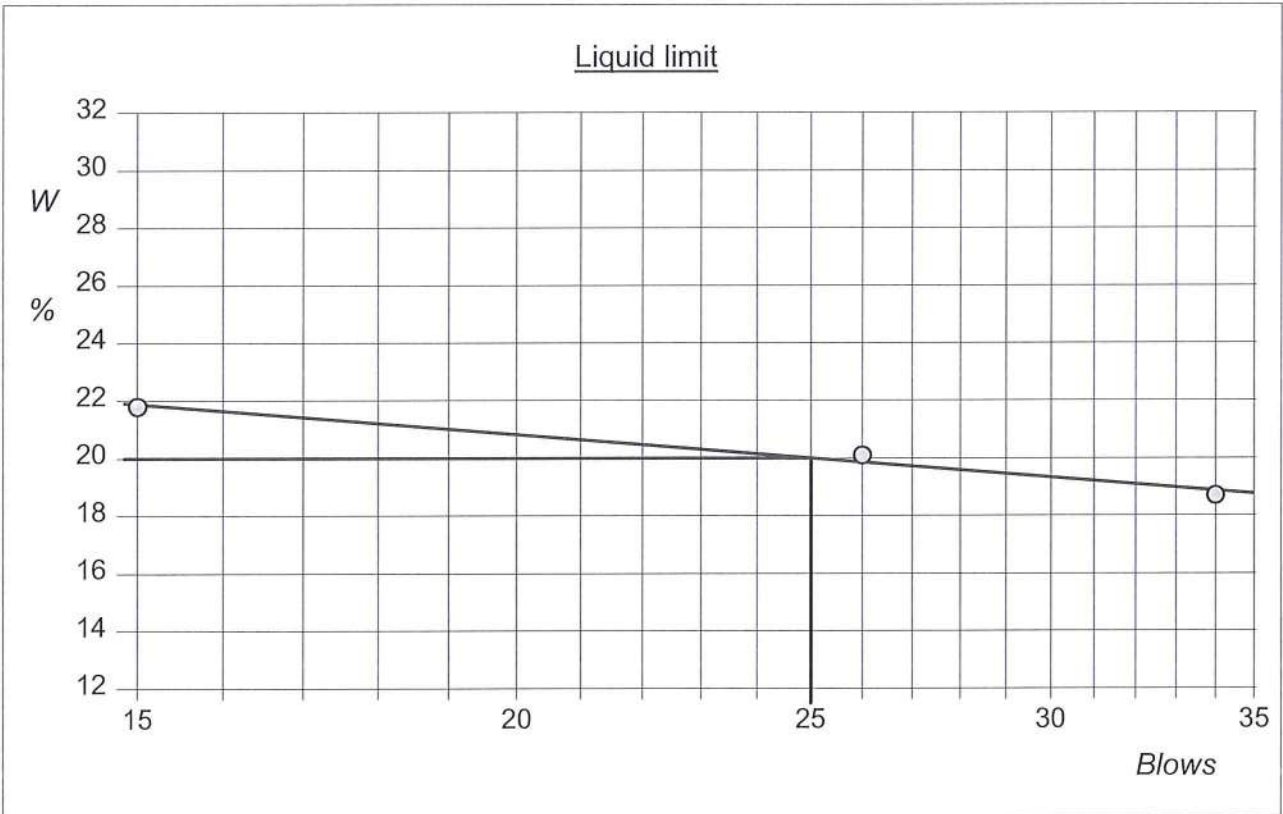
### ATTERBERG LIMITS

Methods: Standard ASTM D4318-17e1

Liquid limit	20,0 %
Plastic limit	14,2 %
Plasticity index	5,8 %

The liquid and plastic limits have been performed on the material passing n° 40 (0.42 mm) sieve

LIQUID LIMIT					PLASTIC LIMIT		
Blows	15	26	34		Water content	13,9	14,4
Water content	21,8	20,1	18,7		Mean water content	14,2	



Certificate code: FO-116/02-008LIM-T / RIP:03-16/03/2023 / CIRC:16/03/2023

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Test place: Laboratory

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ORDER	24.002.01
Sample ID	BH16-C1
Depth (m)	9.00-10.00
Test	ATTERBERG L.
Cert./date	24.0031 03/06/2024

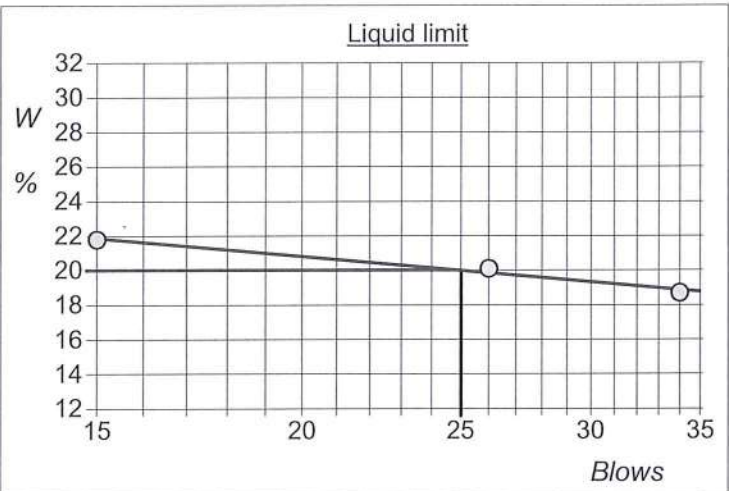
TEST REPORT N°: 24.0031	Allegato 1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 31/05/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN
BOREHOLE: BH16	SAMPLE: C1 DEPTH: m 9.00-10.00

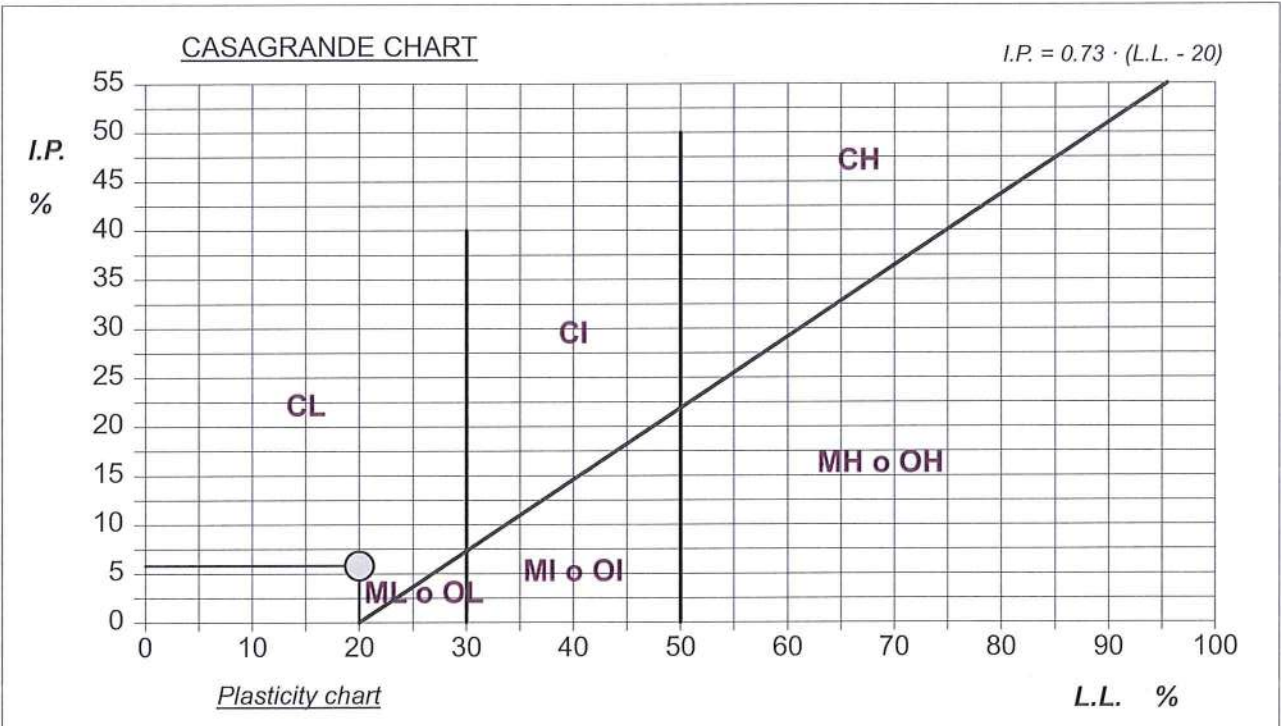
### CASAGRANDE CHART

Methods: Standard ASTM D4318-17e1

Liquid limit	20,0	%
Plastic limit	14,2	%
Plasticity index	5,8	%
Liquidity index	2,57	
Passing the n. 40 sieve	YES	



<b>C - Inorganic clays</b>	<b>L - Low compressibility</b>
M - Inorganic silts	I - Medium compressibility
O - Organic soils	H - High compressibility



Certificate code: FO-116/02-008LIM-T / RIP:03-16/03/2023 / CIRC:16/03/2023

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Test place: Laboratory





ORDER	24.002.01
Sample ID	BH16-C1
Depth (m)	9.00-10.00
Test	GRAIN SIZE AN.
Cert./date	24.0032 03/06/2024

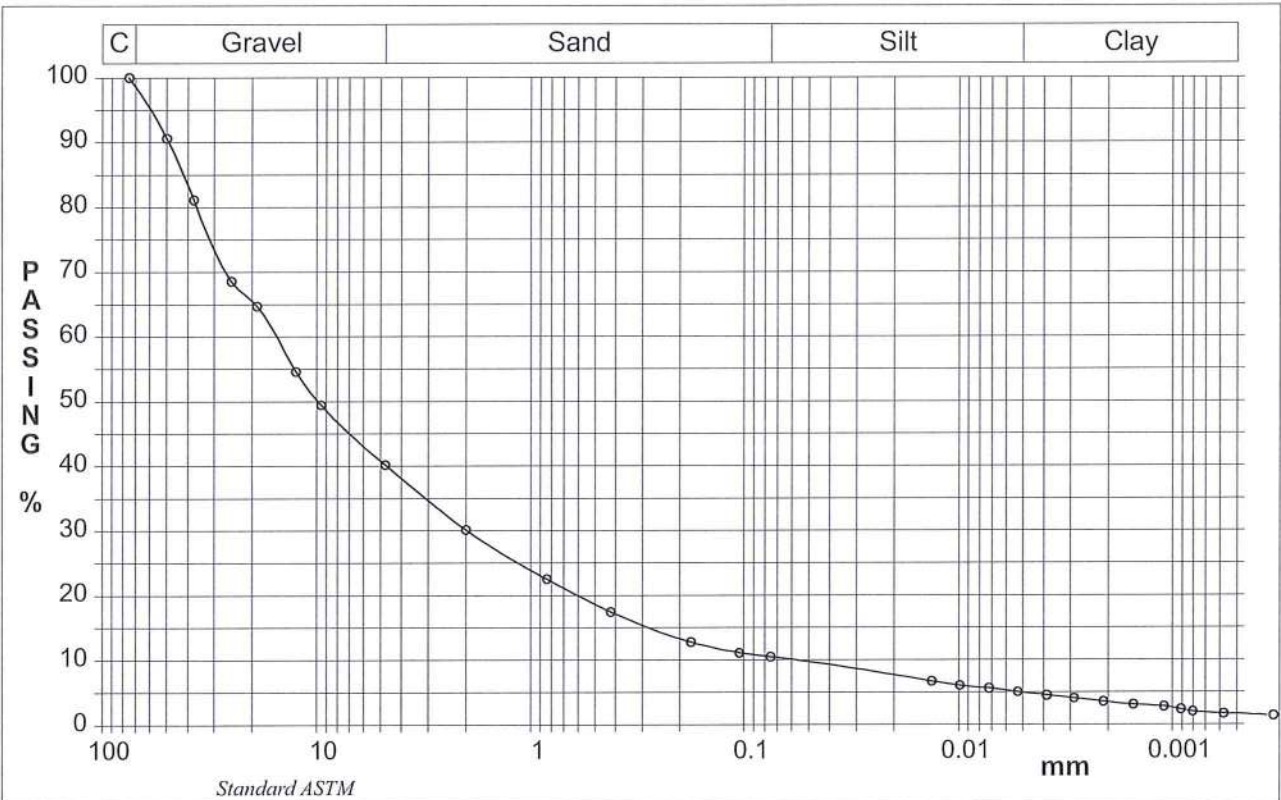
TEST REPORT N°: 24.0032	Page 1/1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 31/05/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN
BOREHOLE: BH16	SAMPLE: C1 DEPTH: m 9.00-10.00

### GRAIN SIZE ANALYSIS

Methods: Standard ASTM D6913/D6913-17-ASTM D7928

Gravel	59,8 %	Passing n. 10 sieve (2 mm)	30,1 %	D10	0,05989 mm
Sand	29,7 %	Passing n. 40 sieve (0.42 mm)	17,4 %	D30	1,97125 mm
Silt	5,5 %	Passing n. 200 sieve (0.075 mm)	10,5 %	D50	9,80462 mm
Clay	5,0 %			D60	15,62084 mm
Coefficient of uniformity	260,84	Coefficient of curvature	4,15	D90	49,05186 mm



Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %
75,0000	100,00	12,5000	54,61	0,4200	17,41	0,0099	6,05	0,0021	3,55
50,0000	90,63	9,5200	49,44	0,1770	12,77	0,0072	5,62	0,0015	3,11
37,5000	81,10	4,7500	40,18	0,1050	11,11	0,0053	5,07	0,0011	2,79
25,0000	68,54	2,0000	30,13	0,0750	10,49	0,0039	4,53	0,0009	2,35
19,0000	64,73	0,8410	22,51	0,0133	6,71	0,0029	4,09	0,0008	2,02

Certificate code: FO-116/02-007GRC-T / RIP:03-16/03/2023 / CIRC:16/03/2023

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Test place: Laboratory





ORDER	24.002.01
Sample ID	BH19-C1
Depth (m)	6.00-7.00
Test	WATER CONTENT
Cert./date	24.0033 03/06/2024

TEST REPORT N°: 24.0033	Page 1/1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 30/05/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH19	SAMPLE: C1	DEPTH: m 6.00-7.00

### WATER CONTENT

Methods: Standard ASTM D2216-10

**W<sub>n</sub> = Natural water content = 5,0 %**

Soil structure:

- Homogeneous  
 Stratified  
 Not homogeneous

Drying temperature: 110 °C

Certificate code: FO-116/02-003UMID-T / RIP:03-16/03/2023 / CIRC:16/03/2023

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Test place: Laboratory







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Tel: +355 42 453 160 email: info@geotest.al JGPT: L21721022K



LT 090 06.03.23

ORDER	24.002.01
Sample ID	BH19-C1
Depth (m)	6.00-7.00
Test	SPECIFIC GRAV.
Cert./date	24.0034 03/06/2024

TEST REPORT N°: 24.0034	Page 1/1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 31/05/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH19	SAMPLE: C1	DEPTH: m 6.00-7.00

### SPECIFIC GRAVITY

Methods: Standard ASTM D854-14

$\gamma_s$  = Specific gravity (average of 2 measurements) (g/cm<sup>3</sup>) = 25,97 g/cm<sup>3</sup>

$\gamma_{sc}$  = Specific gravity at 20° (g/cm<sup>3</sup>) = 25,94 g/cm<sup>3</sup>

Method:  A  B

Pycnometer size: 100 ml

Test temperature: 24,7 °C

Certificate code: FO-116/02-005GS-T / RIP:03-16/03/2023 / CIRC:16/03/2023

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Test place: Laboratory

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ORDER	24.002.01
Sample ID	BH19-C1
Depth (m)	6.00-7.00
Test	ATTERBERG L.
Cert./date	24.0035 03/06/2024

TEST REPORT N°: 24.0035	Page 1/1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 29/05/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN
BOREHOLE: BH19	SAMPLE: C1 DEPTH: m 6.00-7.00

### ATTERBERG LIMITS

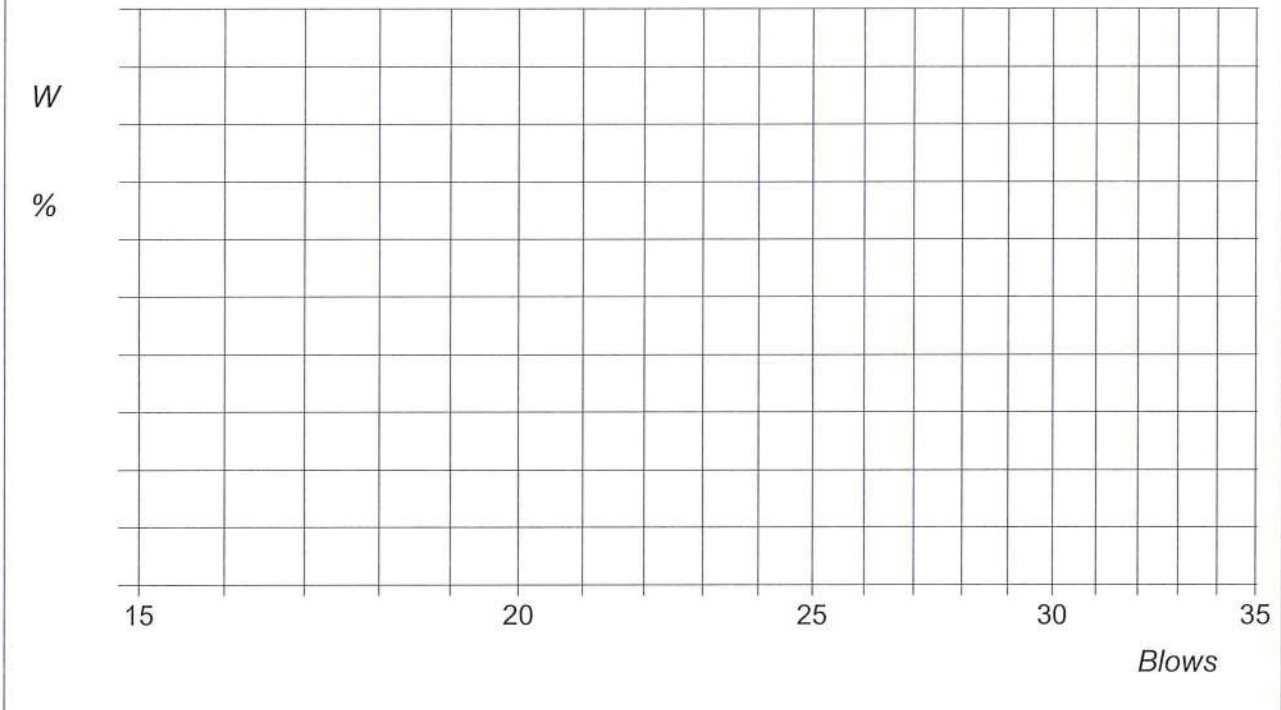
Methods: Standard ASTM D4318-17e1

Liquid limit	Not determinable
Plastic limit	Not plastic
Plasticity index	---

The liquid and plastic limits have been performed on the material passing n° 40 (0.42 mm) sieve

LIQUID LIMIT					PLASTIC LIMIT		
Blows					Water content		
Water content					Mean water content		

#### Liquid limit



Certificate code: FO-116/02-008LIM-T / RIP:03-16/03/2023 / CIRC:16/03/2023

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Test place: Laboratory





ORDER	24.002.01
Sample ID	BH19-C1
Depth (m)	6.00-7.00
Test	ATTERBERG L.
Cert./date	24.0035 03/06/2024

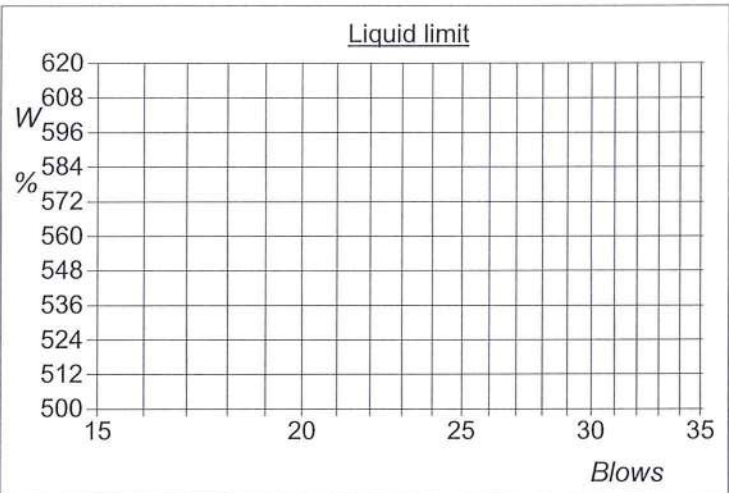
TEST REPORT N°: 24.0035	Allegato 1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 29/05/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH19	SAMPLE: C1	DEPTH: m 6.00-7.00

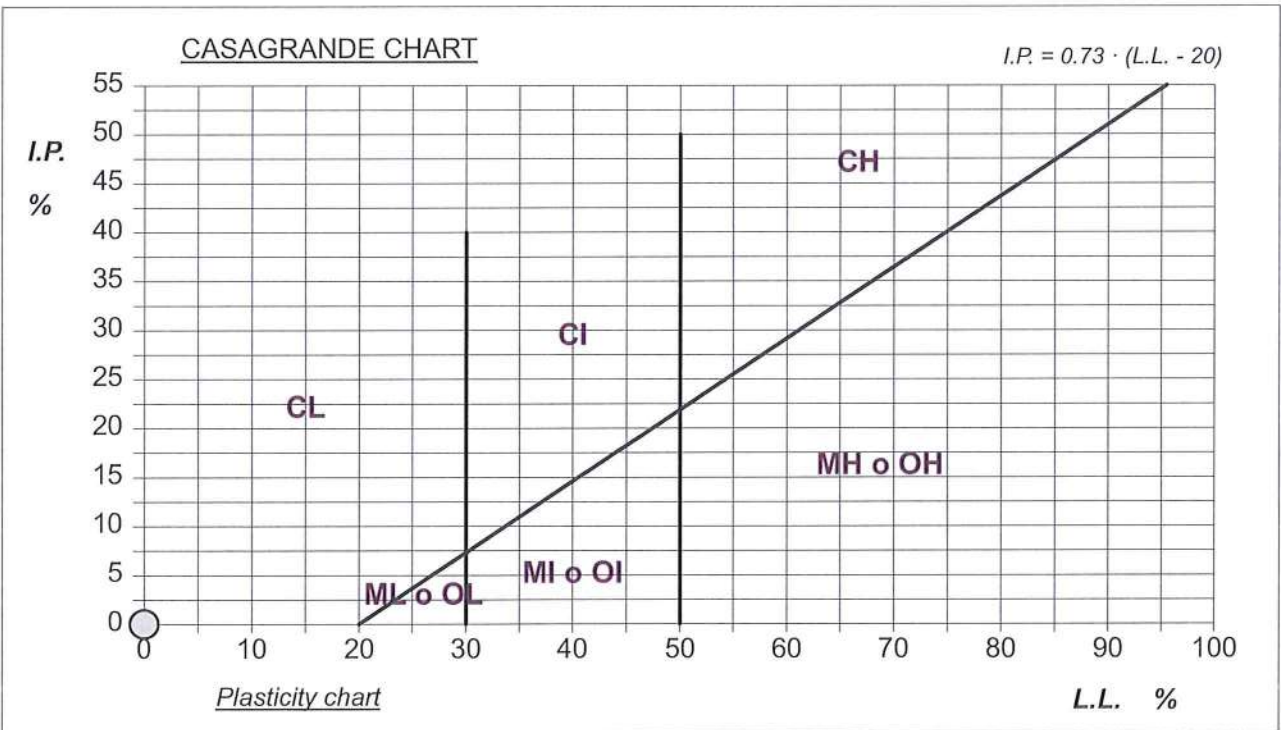
### CASAGRANDE CHART

Methods: Standard ASTM D4318-17e1

Liquid limit	N.D.	%
Plastic limit	N.D.	%
Plasticity index		%
Liquidity index		
Passing the n. 40 sieve		



<b>C - Inorganic clays</b>	<b>L - Low compressibility</b>
M - Inorganic silts	I - Medium compressibility
O - Organic soils	H - High compressibility



Certificate code: FO-116/02-008LIM-T / RIP:03-16/03/2023 / CIRC:16/03/2023

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 Test place: Laboratory





ORDER	24.002.01
Sample ID	BH19-C1
Depth (m)	6.00-7.00
Test	GRAIN SIZE AN.
Cert./date	24.0036 03/06/2024

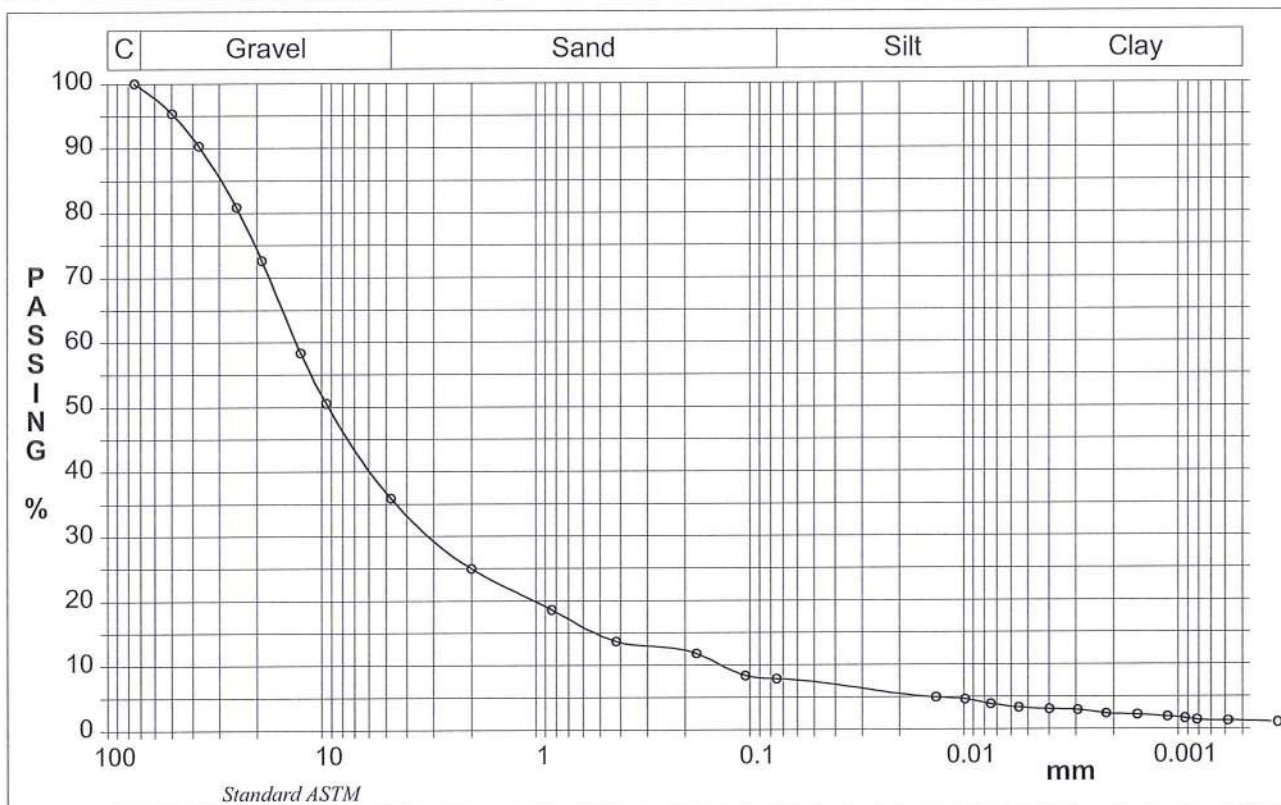
TEST REPORT N°: 24.0036	Page 1/1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 31/05/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN
BOREHOLE: BH19	SAMPLE: C1 DEPTH: m 6.00-7.00

### GRAIN SIZE ANALYSIS

Methods: Standard ASTM D6913/D6913-17-ASTM D7928

Gravel	64,1 %	Passing n. 10 sieve (2 mm)	25,0 %	D10	0,13471 mm
Sand	28,0 %	Passing n. 40 sieve (0.42 mm)	13,7 %	D30	2,97921 mm
Silt	4,6 %	Passing n. 200 sieve (0.075 mm)	7,6 %	D50	9,26849 mm
Clay	3,3 %			D60	13,12061 mm
Coefficient of uniformity	97,40	Coefficient of curvature	5,02	D90	36,94295 mm



Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %
75,0000	100,00	12,5000	58,35	0,4200	13,67	0,0099	4,64	0,0022	2,38
50,0000	95,38	9,5200	50,56	0,1770	11,78	0,0075	3,92	0,0016	2,22
37,5000	90,35	4,7500	35,90	0,1050	8,37	0,0055	3,35	0,0011	1,90
25,0000	80,89	2,0000	24,96	0,0750	7,87	0,0040	3,11	0,0009	1,66
19,0000	72,63	0,8410	18,60	0,0135	4,96	0,0029	2,95	0,0008	1,42

Certificate code: FO-116/02-007GRC-T / RIP:03-16/03/2023 / CIRC:16/03/2023

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Test place: Laboratory



ORDER	24.002.01
Sample ID	BH21-C1
Depth (m)	6.00-7.00
Test	WATER CONTENT
Cert./date	24.0037 03/06/2024

TEST REPORT N°: 24.0037	Page 1/1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 30/05/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH21	SAMPLE: C1	DEPTH: m 6.00-7.00

### WATER CONTENT

Methods: Standard ASTM D2216-10

**W<sub>n</sub> = Natural water content = 4,8 %**

Soil structure:

- Homogeneous  
 Stratified  
 Not homogeneous

Drying temperature: 110 °C

Certificate code: FO-116/02-003UMID-T / RIP:03-16/03/2023 / CIRC:16/03/2023

NOTE : This document is valuable only for the sample for which the test is carried out. Reproduced or recreated document is not valid

Test place: Laboratory

Dott. D. Del Negro





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Tel: +355 47 453 160 email: info@geotest.al NPT: L21721022K



LT 090 06.03.23

ORDER	24.002.01
Sample ID	BH21-C1
Depth (m)	6.00-7.00
Test	SPECIFIC GRAV.
Cert./date	24.0038 03/06/2024

TEST REPORT N°: 24.0038	Page 1/1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 31/05/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH21	SAMPLE: C1	DEPTH: m 6.00-7.00

### SPECIFIC GRAVITY

Methods: Standard ASTM D854-14

$\gamma_s$  = Specific gravity (average of 2 measurements) (g/cm<sup>3</sup>) = 26,01 g/cm<sup>3</sup>

$\gamma_{sc}$  = Specific gravity at 20° (g/cm<sup>3</sup>) = 25,99 g/cm<sup>3</sup>

Method:  A  B

Pycnometer size: 100 ml

Test temperature: 23,7 °C

Certificate code: FO-116/02-005GS-T / RIP:03-16/03/2023 / CIRC:16/03/2023

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Test place: Laboratory

SGEO - Laboratorio 7.0 - 2022

Dott. D. Del Negro





ORDER	24.002.01
Sample ID	BH21-C1
Depth (m)	6.00-7.00
Test	ATTERBERG L.
Cert./date	24.0039 03/06/2024

TEST REPORT N°: 24.0039	Page 1/1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 30/05/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN
BOREHOLE: BH21	SAMPLE: C1 DEPTH: m 6.00-7.00

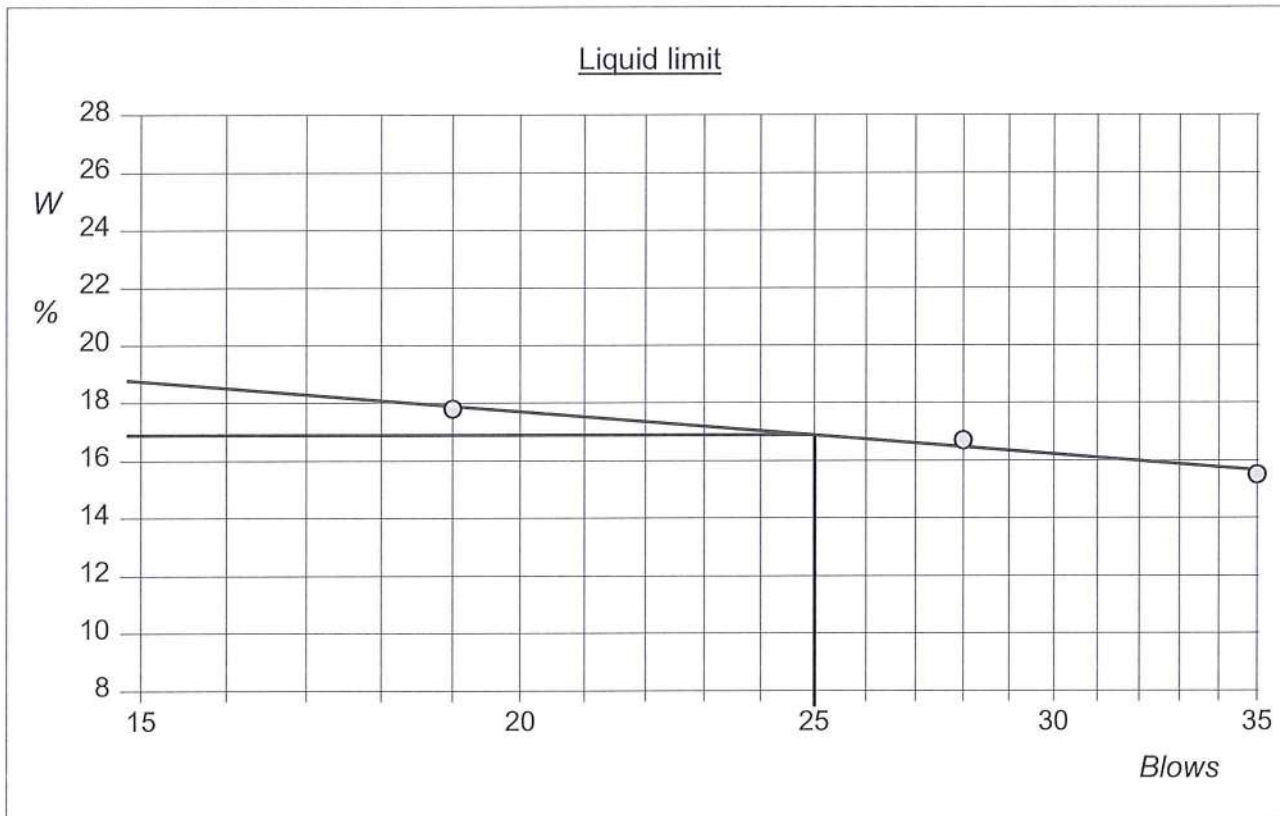
### ATTERBERG LIMITS

Methods: Standard ASTM D4318-17e1

Liquid limit	16,9 %
Plastic limit	13,9 %
Plasticity index	3,0 %

The liquid and plastic limits have been performed on the material passing n° 40 (0.42 mm) sieve

LIQUID LIMIT					PLASTIC LIMIT		
Blows	19	28	35		Water content	13,7	14,1
Water content	17,8	16,7	15,5		Mean water content	13,9	



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Test place: Laboratory





ORDER	24.002.01
Sample ID	BH21-C1
Depth (m)	6.00-7.00
Test	ATTERBERG L.
Cert./date	24.0039 03/06/2024

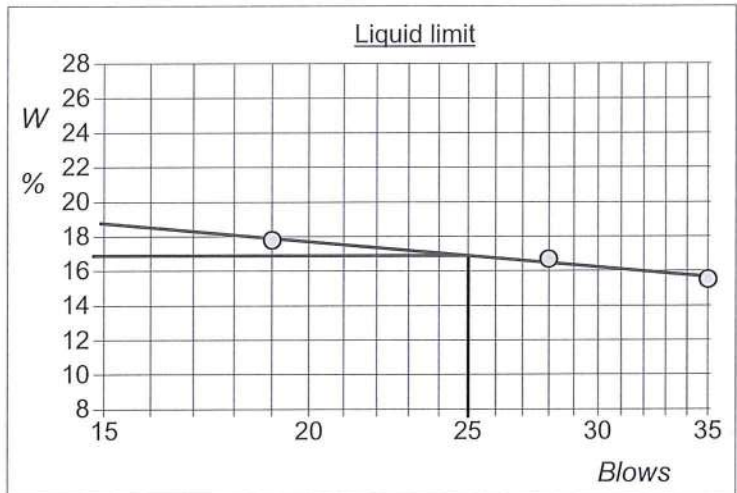
TEST REPORT N°: 24.0039	Allegato 1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 30/05/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH21	SAMPLE: C1	DEPTH: m 6.00-7.00

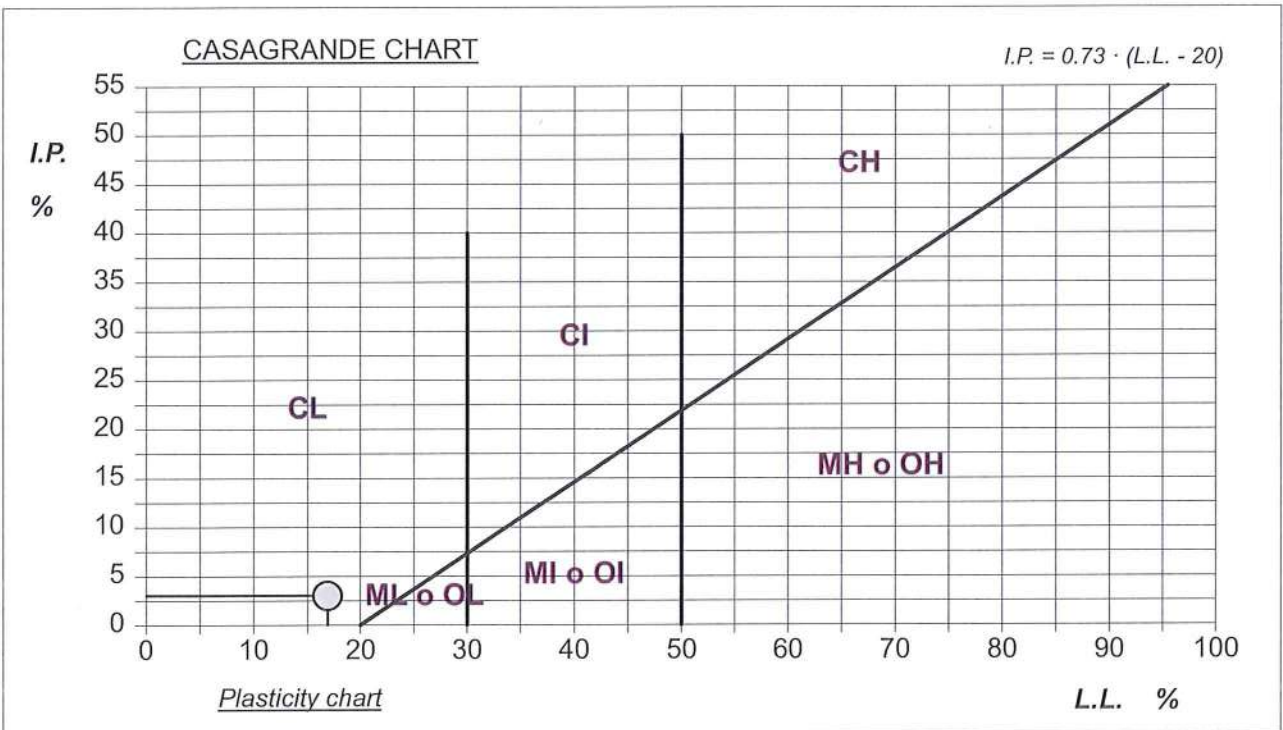
### CASAGRANDE CHART

Methods: Standard ASTM D4318-17e1

Liquid limit	16,9	%
Plastic limit	13,9	%
Plasticity index	3,0	%
Liquidity index	4,02	
Passing the n. 40 sieve	YES	



<b>C - Inorganic clays</b>	<b>L - Low compressibility</b>
M - Inorganic silts	I - Medium compressibility
O - Organic soils	H - High compressibility



Certificate code: FO-116/02-008LIM-T / RIP:03-16/03/2023 / CIRC:16/03/2023

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Test place: Laboratory







ORDER	24.002.01
Sample ID	BH21-C1
Depth (m)	6.00-7.00
Test	GRAIN SIZE AN.
Cert./date	24.0040 03/06/2024

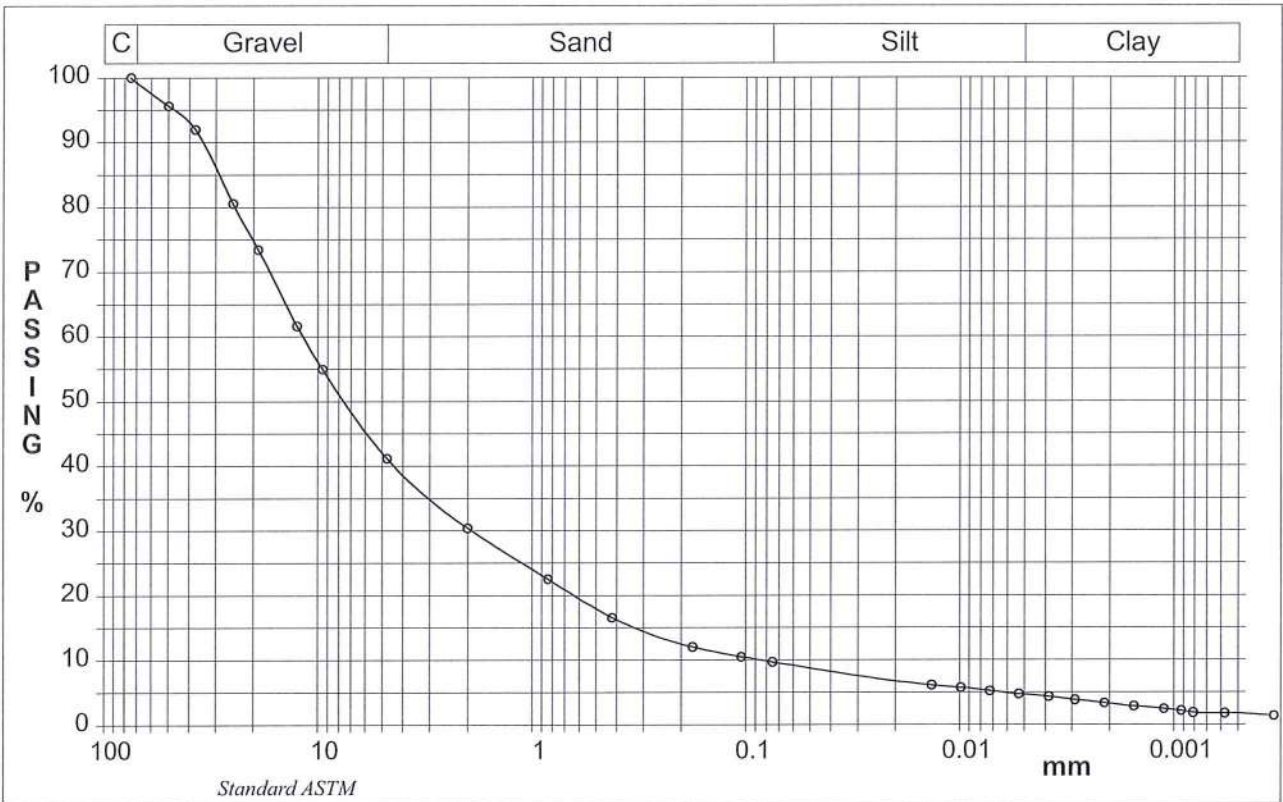
TEST REPORT N°: 24.0040	Page 1/1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 31/05/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN
BOREHOLE: BH21	SAMPLE: C1 DEPTH: m 6.00-7.00

### GRAIN SIZE ANALYSIS

Methods: Standard ASTM D6913/D6913-17-ASTM D7928

Gravel	58,8 %	Passing n. 10 sieve (2 mm)	30,4 %	D10	0,08528 mm
Sand	31,5 %	Passing n. 40 sieve (0.42 mm)	16,6 %	D30	1,91182 mm
Silt	5,0 %	Passing n. 200 sieve (0.075 mm)	9,3 %	D50	7,40821 mm
Clay	4,7 %			D60	11,69600 mm
Coefficient of uniformity	137,15	Coefficient of curvature	3,66	D90	34,93767 mm



Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %
75,0000	100,00	12,5000	61,62	0,4200	16,55	0,0099	5,73	0,0021	3,34
50,0000	95,61	9,5200	54,97	0,1770	12,02	0,0072	5,23	0,0015	2,84
37,5000	92,00	4,7500	41,19	0,1050	10,50	0,0053	4,73	0,0011	2,45
25,0000	80,54	2,0000	30,41	0,0750	9,69	0,0039	4,34	0,0009	2,15
19,0000	73,42	0,8410	22,51	0,0135	6,13	0,0029	3,84	0,0008	1,85

Certificate code: FO-116/02-007GRC-T / RIP:03-16/03/2023 / CIRC:16/03/2023

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Test place: Laboratory





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and Consulting**

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Tel: +355 42 453 160 email: info@geotest.al NIPIT: L21721022K



LT 090 06.03.23

ORDER	24.002.01
Sample ID	BH21-C1
Depth (m)	6.00-7.00
Test	CHEMICAL
Cert./date	24.0045 03/06/2024

TEST CERTIFICATE N°: 24.0045	Page 1/1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 31/05/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH21	SAMPLE: C1	DEPTH: m 6.00-7.00

### DETERMINATION OF ORGANIC CONTENT

Methods: Standard ASTM D2974-20e1

**Organic matter: 1,12 %**

Umidità iniziale : 4,8 %





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LT 090 06.03.23

ORDER	24.002.01
Sample ID	BH1-C1
Depth (m)	6.00-7.00
Test	WATER CONTENT
Cert./date	24.0005 03/06/2024

TEST REPORT N°: 24.0005	Page 1/1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 30/05/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH1	SAMPLE: C1	DEPTH: m 6.00-7.00

### WATER CONTENT

Methods: Standard ASTM D2216-10

**W<sub>n</sub> = Natural water content = 6,6 %**

Soil structure:

- Homogeneous  
 Stratified  
 Not homogeneous

Drying temperature: 110 °C

Certificate code: FO-116/02-003UMID-T / RIP:03-16/03/2023 / CIRC:16/03/2023

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Test place: Laboratory

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LT 090 06.03.23

ORDER	24.002.01
Sample ID	BH1-C1
Depth (m)	6.00-7.00
Test	SPECIFIC GRAV.
Cert./date	24.0006 03/06/2024

TEST REPORT N°: 24.0006	Page 1/1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 31/05/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH1	SAMPLE: C1	DEPTH: m 6.00-7.00

### SPECIFIC GRAVITY

Methods: Standard ASTM D854-14

$\gamma_s$  = Specific gravity (average of 2 measurements) (g/cm<sup>3</sup>) = 25,82 g/cm<sup>3</sup>

$\gamma_{sc}$  = Specific gravity at 20° (g/cm<sup>3</sup>) = 25,80 g/cm<sup>3</sup>

Method:  A  B

Pycnometer size: 100 ml

Test temperature: 23,1 °C

Certificate code: FO-116/02-005GS-T / RIP:03-16/03/2023 / CIRC:16/03/2023

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Test place: Laboratory

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ORDER	24.002.01
Sample ID	BH1-C1
Depth (m)	6.00-7.00
Test	ATTERBERG L.
Cert./date	24.0007 03/06/2024

TEST REPORT N°: 24.0007	Page 1/1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 31/05/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH1	SAMPLE: C1	DEPTH: m 6.00-7.00

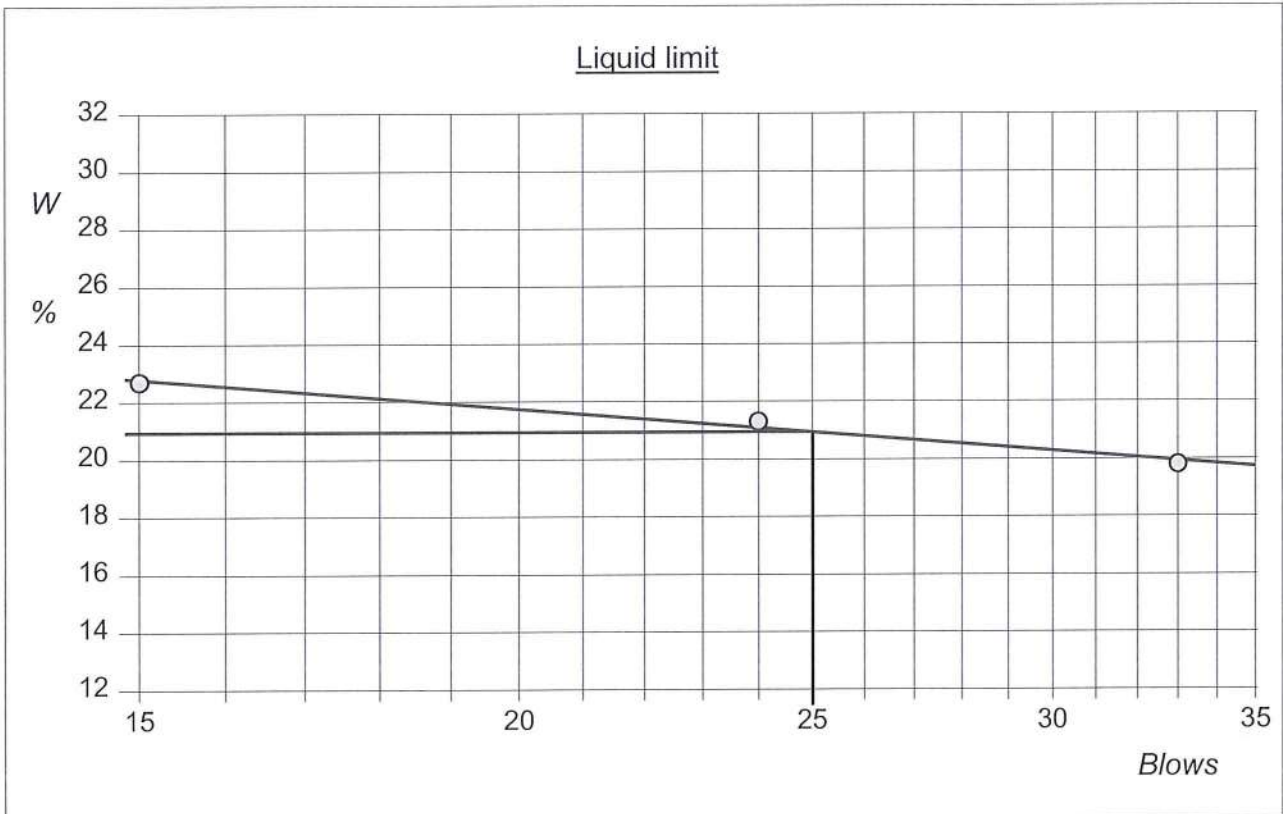
### ATTERBERG LIMITS

Methods: Standard ASTM D4318-17e1

Liquid limit	20,9 %
Plastic limit	15,2 %
Plasticity index	5,7 %

The liquid and plastic limits have been performed on the material passing n° 40 (0.42 mm) sieve

LIQUID LIMIT					PLASTIC LIMIT		
Blows	15	24	33		Water content	15,0	15,4
Water content	22,7	21,3	19,8		Mean water content	15,2	



Certificate code: FO-116/02-008LIM-T / RIP:03-16/03/2023 / CIRC:16/03/2023

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Test place: Laboratory





ORDER	24.002.01
Sample ID	BH1-C1
Depth (m)	6.00-7.00
Test	ATTERBERG L.
Cert./date	24.0007 03/06/2024

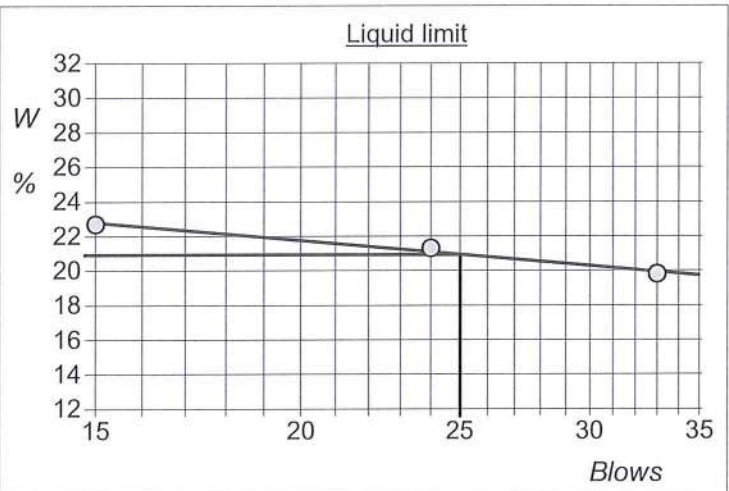
TEST REPORT N°: 24.0007	Allegato 1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 31/05/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN
BOREHOLE: BH1	SAMPLE: C1
	DEPTH: m 6.00-7.00

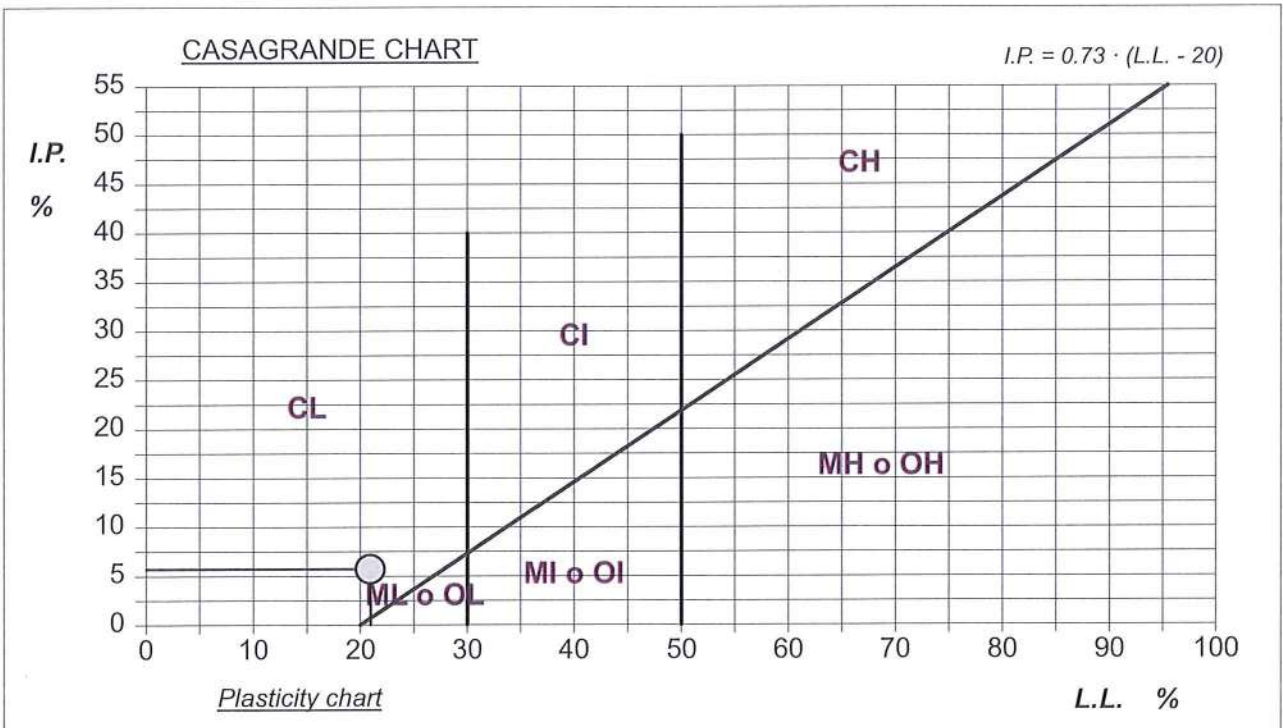
### CASAGRANDE CHART

Methods: Standard ASTM D4318-17e1

Liquid limit	20,9	%
Plastic limit	15,2	%
Plasticity index	5,7	%
Liquidity index	2,50	
Passing the n. 40 sieve	YES	



<b>C - Inorganic clays</b>	<b>L - Low compressibility</b>
M - Inorganic silts	I - Medium compressibility
O - Organic soils	H - High compressibility



Certificate code: FO-116/02-008LIM-T / RIP:03-16/03/2023 / CIRC:16/03/2023

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 Test place: Laboratory

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ORDER	24.002.01
Sample ID	BH1-C1
Depth (m)	6.00-7.00
Test	GRAIN SIZE AN.
Cert./date	24.0008 03/06/2024

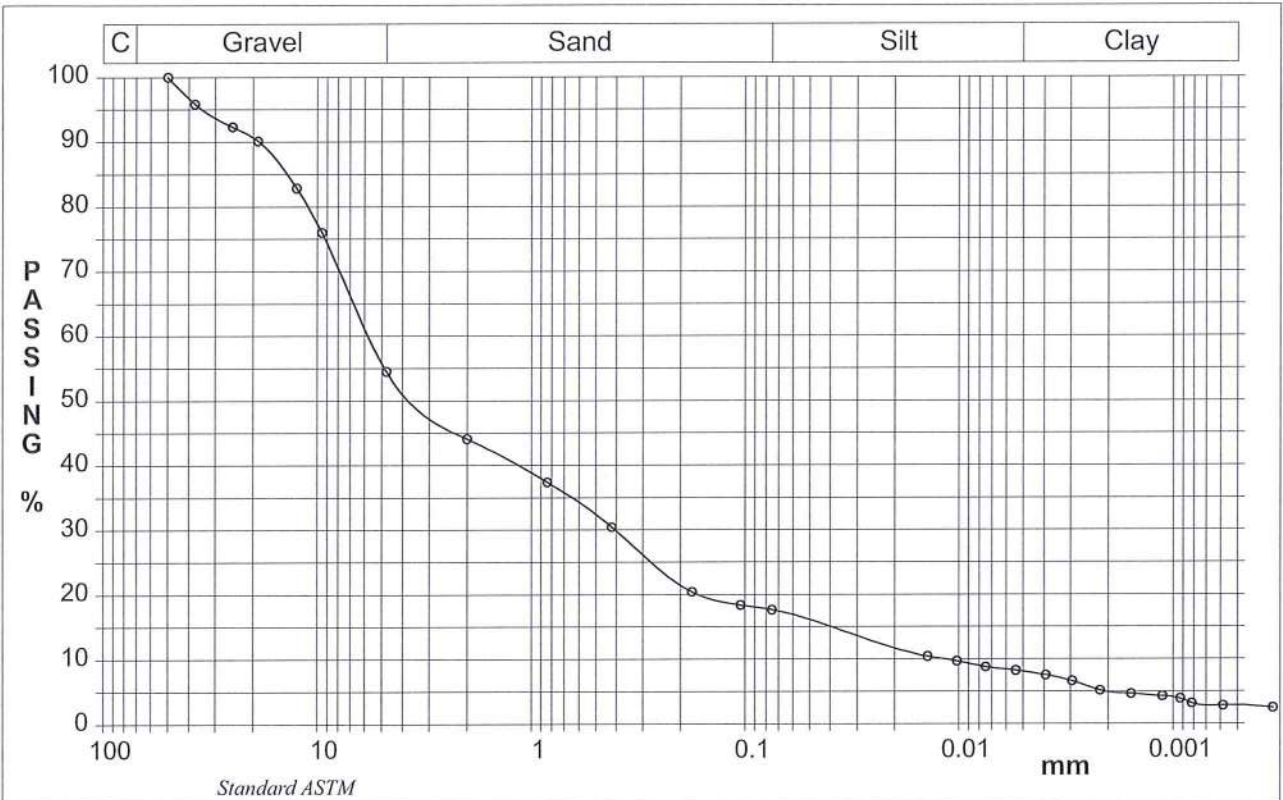
TEST REPORT N°: 24.0008	Page 1/1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 01/06/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN
BOREHOLE: BH1	SAMPLE: C1 DEPTH: m 6.00-7.00

## GRAIN SIZE ANALYSIS

Methods: Standard ASTM D6913/D6913-17-ASTM D7928

Gravel	45,5 %	Passing n. 10 sieve (2 mm)	44,1 %	D10	0,01170 mm
Sand	36,9 %	Passing n. 40 sieve (0.42 mm)	30,4 %	D30	0,40479 mm
Silt	9,5 %	Passing n. 200 sieve (0.075 mm)	17,6 %	D50	3,26538 mm
Clay	8,1 %			D60	5,67191 mm
Coefficient of uniformity	484,98	Coefficient of curvature	2,47	D90	18,84905 mm



Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %
50,0000	100,00	9,5200	75,98	0,1770	20,39	0,0075	8,78	0,0016	4,63
37,5000	95,85	4,7500	54,53	0,1050	18,36	0,0054	8,24	0,0011	4,27
25,0000	92,32	2,0000	44,08	0,0750	17,64	0,0039	7,52	0,0009	3,90
19,0000	90,14	0,8410	37,39	0,0140	10,41	0,0030	6,62	0,0008	3,18
12,5000	82,85	0,4200	30,43	0,0102	9,69	0,0022	5,17	0,0006	2,82

Certificate code: FO-116/02-007GRC-T / RIP:03-16/03/2023 / CIRC:16/03/2023

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Test place: Laboratory





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Tel: +355 42 453 160 email: info@geotest.al NPT: L21721022K



LT 090 06.03.23

ORDER	24.002.01
Sample ID	BH1-C1
Depth (m)	6.00-7.00
Test	CHEMICAL
Cert./date	24.0041 03/06/2024

TEST CERTIFICATE N°: 24.0041	Page 1/1	Issue date: 03/06/2024	Start date: 29/05/24
Acceptance note n°: 0001	date: 24/05/24	Sample opening: 27/05/24	End date: 31/05/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH1	SAMPLE: C1	DEPTH: m 6.00-7.00

### DETERMINATION OF ORGANIC CONTENT

Methods: Standard ASTM D2974-20e1

**Organic matter: 1,94 %**

Umidità iniziale : 6,6 %







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LT 090 06.03.23

ORDER	24.002.01
Sample ID	
Depth (m)	7.00-8.00
Test	WATER CONTENT
Cert./date	24.0069 17/06/2024

TEST CERTIFICATE N°: 24.0069	Page 1/1	Issue date: 17/06/2024	Start date: 05/06/24
Acceptance note n°: 0002	date: 04/06/24	Sample opening: 05/06/24	End date: 06/06/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN
BOREHOLE: BH2	SAMPLE: C1 DEPTH: m 7.00-8.00

### WATER CONTENT

Methods: Standard ASTM D2216-19

**Wn = Natural water content = 5,2 %**

Soil structure:

- Homogeneous
- Stratified
- Not homogeneous

Drying temperature: 110 °C

Certificate code: FO-116/02-003UMID-T / RIP:03-16/03/2023 / CIRC: 16/03/2023

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Test location: Laboratory

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Experimemnter  
Dott. Daniel Del Negro





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LT 090 06.03.23

ORDER	24.002.01
Sample ID	
Depth (m)	7.00-8.00
Test	SPECIFIC GRAV.
Cert./date	24.0070 17/06/2024

TEST CERTIFICATE N°: 24.0070	Page 1/1	Issue date: 17/06/2024	Start date: 05/06/24
Acceptance note n°: 0002	date: 04/06/24	Sample opening: 05/06/24	End date: 07/06/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH2	SAMPLE: C1	DEPTH: m 7.00-8.00

### SPECIFIC GRAVITY

Methods: Standard ASTM D854-23

$\gamma_s$  = Specific gravity (average of 2 measurements) (kN/m<sup>3</sup>) = 26,9 kN/m<sup>3</sup>

$\gamma_{sc}$  = Specific gravity at 20° (kN/m<sup>3</sup>) = 26,9 kN/m<sup>3</sup>

Method:  A  B

Pycnometer size: 100 ml

Test temperature: 24,2 °C

Certificate code: FO-116/02-005GS-T / RIP:03-16/03/2023 / CIRC: 16/03/2023

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Test location: Laboratory

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Experimemnter  
Dott. Daniel Del Negro





ORDER	24.002.01
Sample ID	
Depth (m)	7.00-8.00
Test	ATTERBERG L.
Cert./date	24.0071 17/06/2024

TEST CERTIFICATE N°: 24.0071	Page 1/1	Issue date: 17/06/2024	Start date: 05/06/24
Acceptance note n°: 0002	date: 04/06/24	Sample opening: 05/06/24	End date: 06/06/24

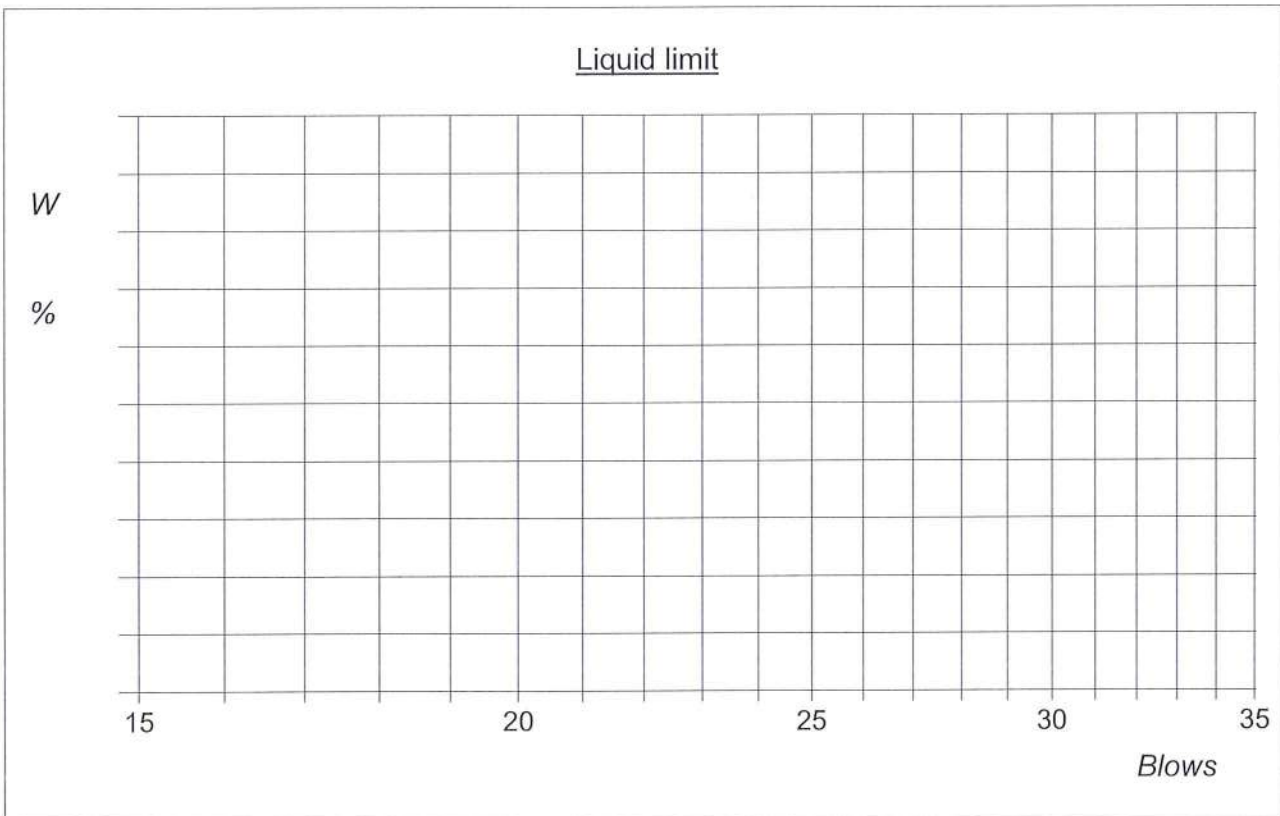
CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN
BOREHOLE: BH2	SAMPLE: C1 DEPTH: m 7.00-8.00

### ATTERBERG LIMITS

Methods: Standard ASTM D4318-17e1

Liquid limit	Not determinable
Plastic limit	Not plastic
Plasticity index	- - -

LIQUID LIMIT					PLASTIC LIMIT		
Blows					Water content		
Water content					Mean water content		



Certificate code: FO-116/02-008LIM-T / RIP:03-16/03/2023 / CIRC: 16/03/2023  
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 Test location: Laboratory

Experimemnter  
 Dott. Daniel Del Negro





ORDER	24.002.01
Sample ID	
Depth (m)	7.00-8.00
Test	ATTERBERG L.
Cert./date	24.0071 17/06/2024

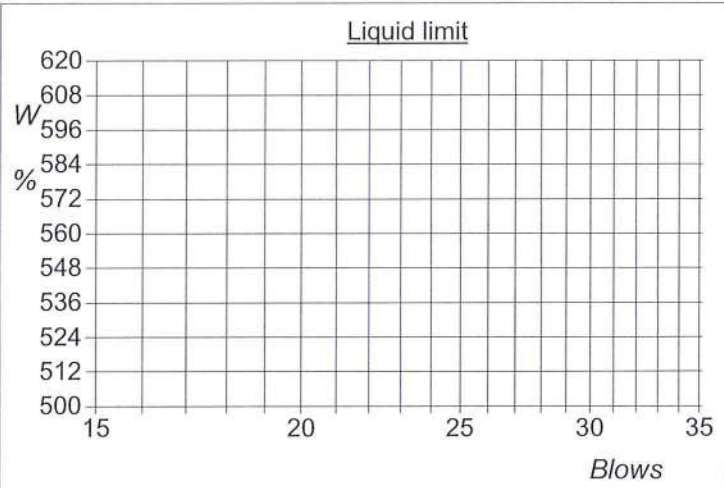
TEST CERTIFICATE N°: 24.0071	Allegato 1	Issue date: 17/06/2024	Start date: 05/06/24
Acceptance note n°: 0002	date: 04/06/24	Sample opening: 05/06/24	End date: 06/06/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH2	SAMPLE: C1	DEPTH: m 7.00-8.00

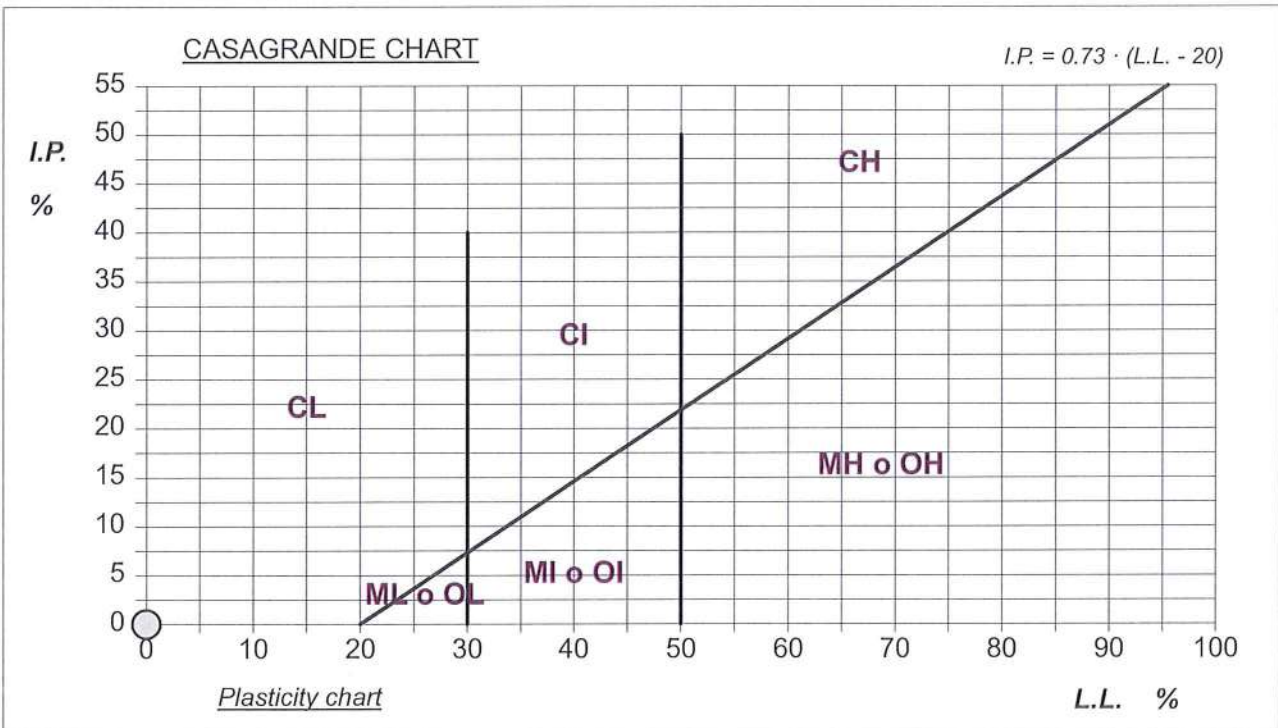
### CASAGRANDE CHART

Methods: Standard ASTM D4318-17e1

Liquid limit	N.D.	%
Plastic limit	N.D.	%
Plasticity index		%
Liquidity index		
Passing the n. 40 sieve		



<b>C - Inorganic clays</b>	<b>L - Low compressibility</b>
M - Inorganic silts	I - Medium compressibility
O - Organic soils	H - High compressibility



Certificate code: FO-116/02-008LIM-T / RIP:03-16/03/2023 / CIRC: 16/03/2023

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Test location: Laboratory

Experimemnter  
 Dott. Daniel Del Negro

GEOTEST shpk

Geotechnical Laboratory Manager  
 Dott. Andrea Forlani

Autostrada Tiranë - Durrës Km 2, Mëzez, Tiranë (AL)



ORDER	24.002.01
Sample ID	
Depth (m)	7.00-8.00
Test	GRAIN SIZE AN.
Cert./date	24.0072 17/06/2024

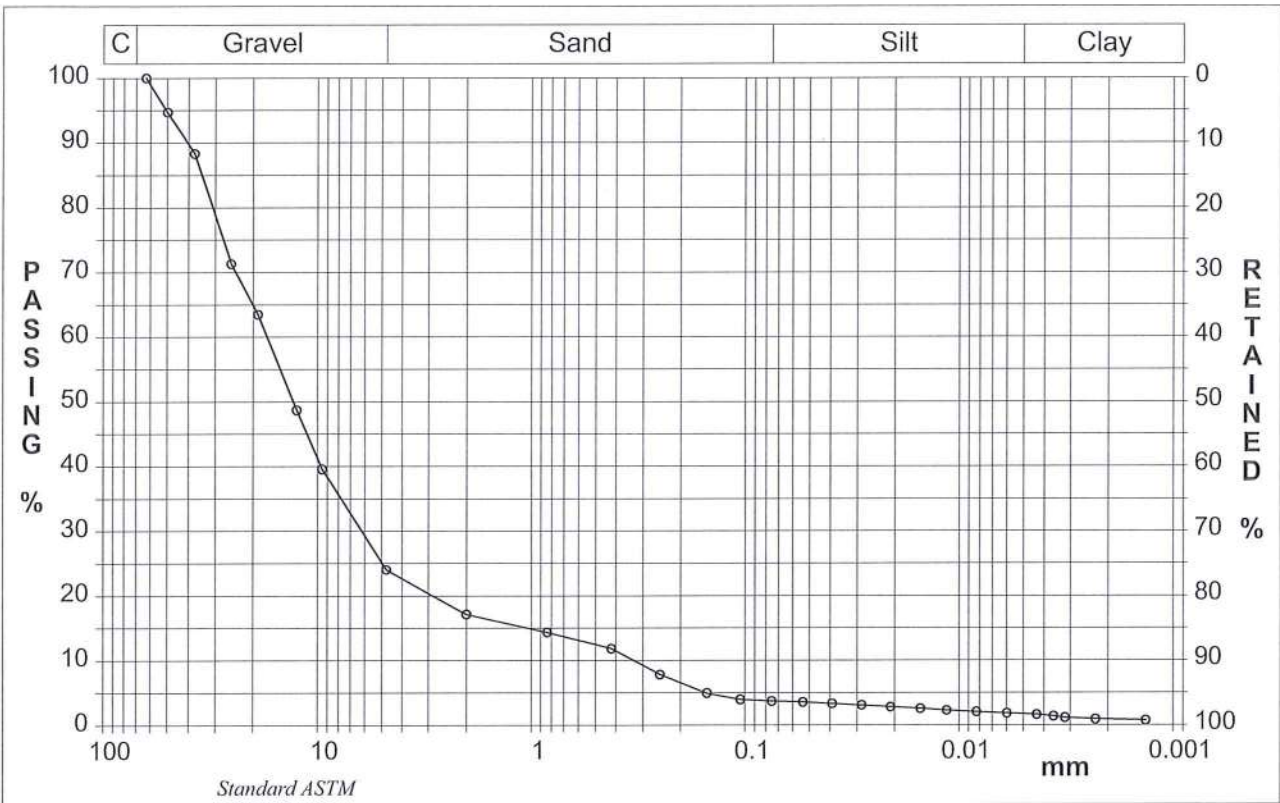
TEST REPORT N°: 24.0072	Page 1/1	Issue date: 17/06/2024	Start date: 05/06/24
Acceptance note n°: 0002	date: 04/06/24	Sample opening: 05/06/24	End date: 10/06/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH2	SAMPLE: C1	DEPTH: m 7.00-8.00

## GRAIN SIZE ANALYSIS

Methods: Standard ASTM D6913/D6913M-17

Gravel	76,0 %	Passing n. 10 sieve (2 mm)	17,1 %	D10	0,33141 mm
Sand	20,3 %	Passing n. 40 sieve (0.42 mm)	11,8 %	D30	6,20440 mm
Silt	2,0 %	Passing n. 200 sieve (0.075 mm)	3,7 %	D50	12,96934 mm
Clay	1,7 %			D60	17,21724 mm
Coefficient of uniformity	51,95	Coefficient of curvature	6,75	D90	40,41714 mm



Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %
63,0000	100,00	12,5000	48,70	0,4200	11,83	0,0537	3,56	0,0114	2,30
50,0000	94,71	9,5200	39,57	0,2500	7,82	0,0392	3,33	0,0083	2,07
37,5000	88,34	4,7500	24,03	0,1500	4,94	0,0285	3,10	0,0060	1,84
25,4000	71,30	2,0000	17,11	0,1050	3,98	0,0209	2,81	0,0043	1,61
19,0000	63,48	0,8410	14,34	0,0750	3,72	0,0152	2,58	0,0036	1,38

Certificate code: FO-116/02-007GRC-T / RIP:03-16/03/2023 / CIRC: 16/03/2023

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Test location: Laboratory

Experimemater  
Dott. Daniel Del Negro





ORDER	24.002.01
Sample ID	
Depth (m)	8.00-9.00
Test	WATER CONTENT
Cert./date	24.0073

TEST CERTIFICATE N°: 24.0073	Page 1/1	Issue date:	Start date:
Acceptance note n°: 0002	date: 04/06/24	Sample opening: 05/06/24	End date:

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH3	SAMPLE: C1	DEPTH: m 8.00-9.00

### WATER CONTENT

Methods: Standard ASTM D2216-19

**Wn = Natural water content = 5,0 %**

Soil structure:

- Homogeneous  
 Stratified  
 Not homogeneous

Drying temperature: 110 °C



ORDER	24.002.01
Sample ID	
Depth (m)	8.00-9.00
Test	SPECIFIC GRAV.
Cert./date	24.0074

TEST CERTIFICATE N°: 24.0074	Page 1/1	Issue date:	Start date:
Acceptance note n°: 0002	date: 04/06/24	Sample opening: 05/06/24	End date:
CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK		
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN		
BOREHOLE: BH3	SAMPLE: C1	DEPTH: m 8.00-9.00	
<b><u>SPECIFIC GRAVITY</u></b>			
Methods: Standard ASTM D854-23			

$\gamma_s$  = Specific gravity (average of 2 measurements) (kN/m<sup>3</sup>) = 26,7 kN/m<sup>3</sup>

$\gamma_{sc}$  = Specific gravity at 20° (kN/m<sup>3</sup>) = 26,6 kN/m<sup>3</sup>

Method:  A  B

Pycnometer size: 100 ml

Test temperature: 24,7 °C



ORDER	24.002.01
Sample ID	
Depth (m)	8.00-9.00
Test	ATTERBERG L.
Cert./date	24.0075

TEST CERTIFICATE N°: 24.0075	Page 1/1	Issue date:	Start date:
Acceptance note n°: 0002	date: 04/06/24	Sample opening: 05/06/24	End date:

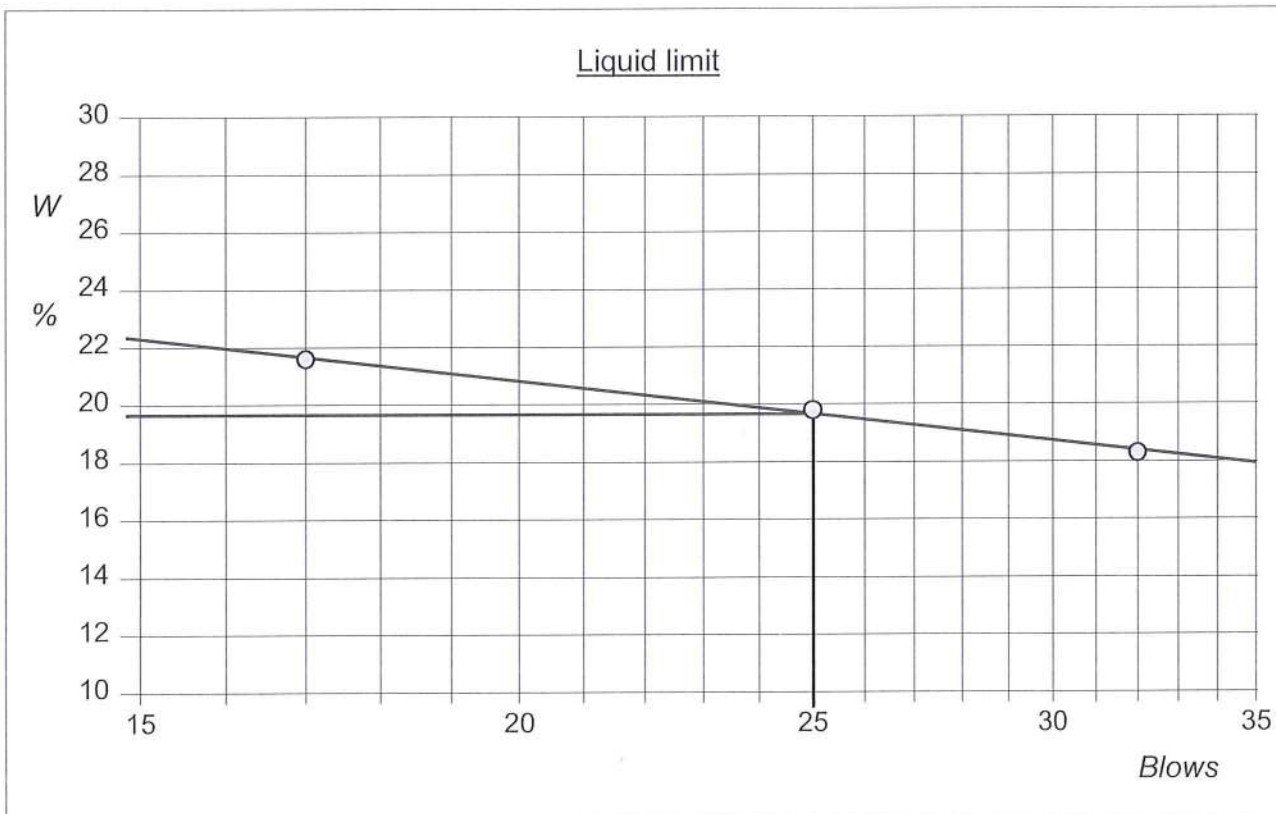
CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH3	SAMPLE: C1	DEPTH: m 8.00-9.00

### ATTERBERG LIMITS

Methods: Standard ASTM D4318-17e1

Liquid limit	20 %
Plastic limit	17 %
Plasticity index	3 %

LIQUID LIMIT					PLASTIC LIMIT		
Blows	17	25	32		Water content	17,4	17,5
Water content	21,6	19,8	18,3		Mean water content	17,5	







ORDER	24.002.01
Sample ID	
Depth (m)	8.00-9.00
Test	ATTERBERG L.
Cert./date	24.0075

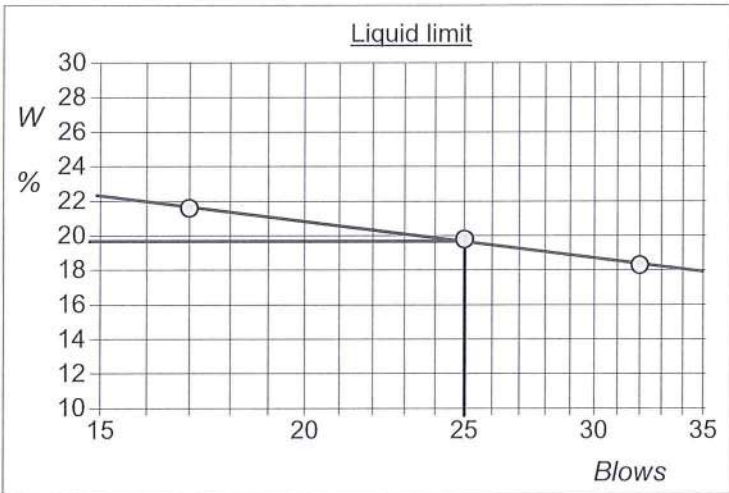
TEST CERTIFICATE N°: 24.0075	Allegato 1	Issue date:	Start date:
Acceptance note n°: 0002	date: 04/06/24	Sample opening: 05/06/24	End date:

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH3	SAMPLE: C1	DEPTH: m 8.00-9.00

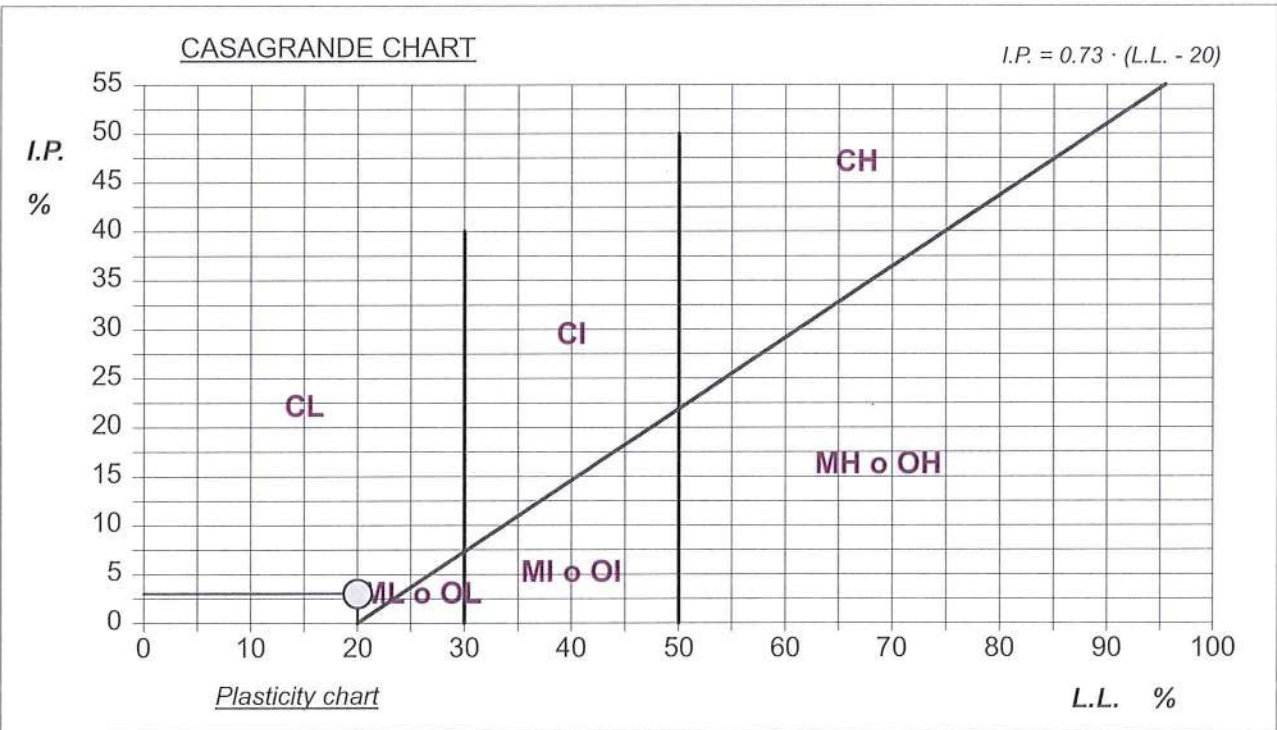
### CASAGRANDE CHART

Methods: Standard ASTM D4318-17e1

Liquid limit	20	%
Plastic limit	17	%
Plasticity index	3	%
Liquidity index	5,01	
Passing the n. 40 sieve	NO	



<b>C - Inorganic clays</b>	<b>L - Low compressibility</b>
M - Inorganic silts	I - Medium compressibility
O - Organic soils	H - High compressibility






ORDER	24.002.01
Sample ID	
Depth (m)	8.00-9.00
Test	GRAIN SIZE AN.
Cert./date	24.0076 03/06/24

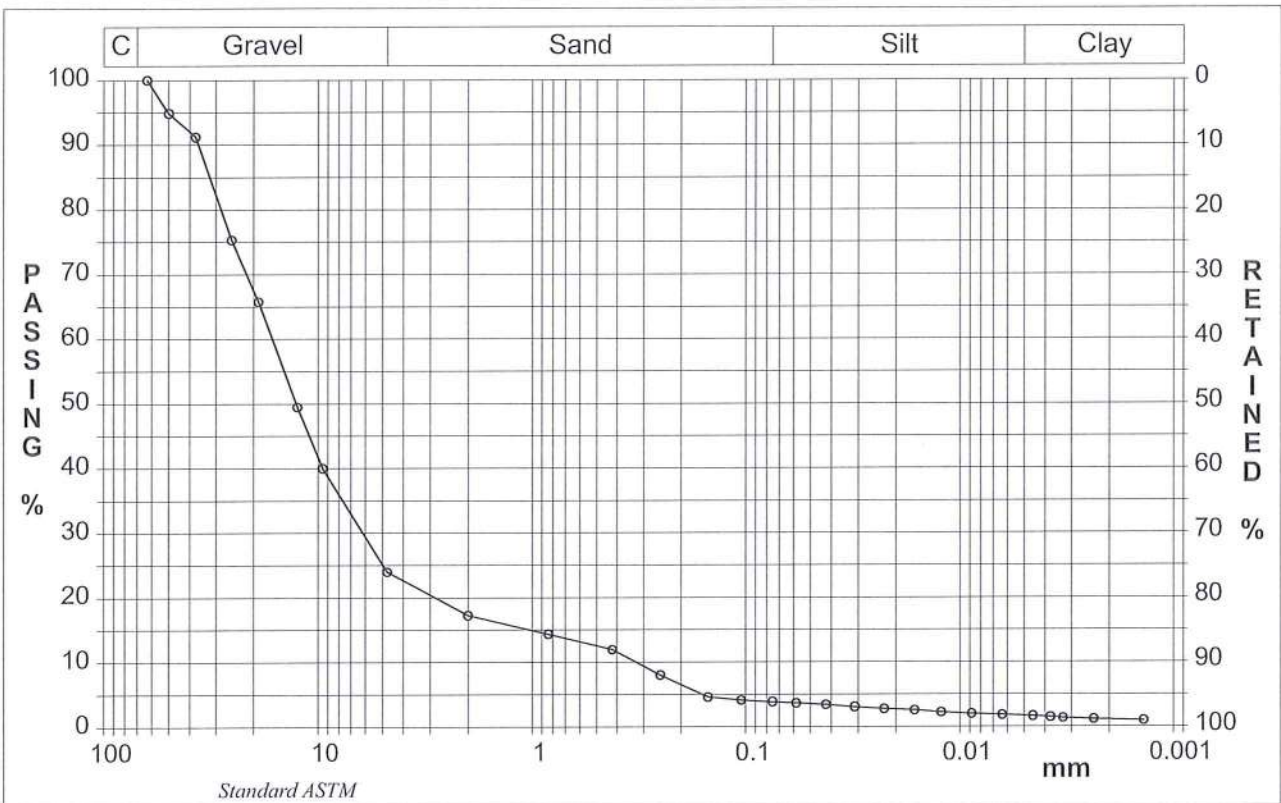
TEST REPORT N°: 24.0076	Page 1/1	Issue date: 03/06/24	Start date: 29/05/24
Acceptance note n°: 0002	date: 04/06/24	Sample opening: 05/06/24	End date: 01/06/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH3	SAMPLE: C1	DEPTH: m 8.00-9.00

## GRAIN SIZE ANALYSIS

Methods: Standard ASTM D6913/D6913M-17

Gravel	76,0 %	Passing n. 10 sieve (2 mm)	17,2 %	D <sub>10</sub>	0,32510 mm
Sand	20,1 %	Passing n. 40 sieve (0.42 mm)	11,9 %	D <sub>30</sub>	6,17042 mm
Silt	2,2 %	Passing n. 200 sieve (0.075 mm)	3,9 %	D <sub>50</sub>	12,67030 mm
Clay	1,7 %			D <sub>60</sub>	16,38844 mm
Coefficient of uniformity	50,41	Coefficient of curvature	7,15	D <sub>90</sub>	36,39625 mm



Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %
63,0000	100,00	12,5000	49,47	0,4200	11,94	0,0583	3,67	0,0122	2,27
50,0000	94,88	9,5200	39,99	0,2500	8,01	0,0423	3,43	0,0088	2,02
37,5000	91,22	4,7500	23,98	0,1500	4,58	0,0311	3,06	0,0063	1,84
25,4000	75,31	2,0000	17,24	0,1050	4,14	0,0227	2,75	0,0045	1,65
19,0000	65,75	0,8410	14,34	0,0750	3,87	0,0163	2,57	0,0038	1,47

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Test location: Laboratory

Experimenter  
 Dott. Daniel Del Negro

GEOTEST shpk

Laboratory Manager  
 Dott. Andrea Forlani

Autostrada Tiranë - Durrës Km 2, Mëzeq, Tiranë



ORDER	24.002.01
Sample ID	
Depth (m)	11.00-12.00
Test	WATER CONTENT
Cert./date	24.0077 17/06/2024

TEST REPORT N°: 24.0077	Page 1/1	Issue date: 17/06/2024	Start date: 05/06/24
Acceptance note n°: 0002	date: 04/06/24	Sample opening: 05/06/24	End date: 06/06/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH5	SAMPLE: C1	DEPTH: m 11.00-12.00

### WATER CONTENT

Methods: Standard ASTM D2216-19

**W<sub>n</sub> = Natural water content = 5,0 %**

Soil structure:

- Homogeneous  
 Stratified  
 Not homogeneous

Drying temperature: 110 °C

Certificate code: FO-116/02-003UMID-T / RIP:03-16/03/2023 / CIRC: 16/03/2023

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Test location: Laboratory



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**Geotechnical and Material Laboratory  
and Consulting**

Autoshrada Tiranë - Durrës km 2 - Mëzez, Kashar, Tiranë  
Tel: +355 42 453 160 email: info@geotest.al HPF: L21721022K



LT 090 06.03.23

ORDER	24.002.01
Sample ID	
Depth (m)	11.00-12.00
Test	SPECIFIC GRAV.
Cert./date	24.0078 17/06/2024

TEST CERTIFICATE N°: 24.0078	Page 1/1	Issue date: 17/06/2024	Start date: 05/06/24
Acceptance note n°: 0002	date: 04/06/24	Sample opening: 05/06/24	End date: 07/06/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH5	SAMPLE: C1	DEPTH: m 11.00-12.00

### SPECIFIC GRAVITY

Methods: Standard ASTM D854-23

$\gamma_s$  = Specific gravity (average of 2 measurements) (kN/m<sup>3</sup>) = 25,8 kN/m<sup>3</sup>

$\gamma_{sc}$  = Specific gravity at 20° (kN/m<sup>3</sup>) = 25,8 kN/m<sup>3</sup>

Method:  A  B

Pycnometer size: 100 ml

Test temperature: 20,0 °C

Certificate code: FO-116/02-005GS-T / RIP:03-16/03/2023 / CIRC: 16/03/2023

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Test location: Laboratory

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Experimenter  
Dott. Daniel Del Negro





ORDER	24.002.01
Sample ID	
Depth (m)	11.00-12.00
Test	ATTERBERG L.
Cert./date	24.0079 17/06/2024

TEST CERTIFICATE N°: 24.0079	Page 1/1	Issue date: 17/06/2024	Start date: 05/06/24
Acceptance note n°: 0002	date: 04/06/24	Sample opening: 05/06/24	End date: 06/06/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN
BOREHOLE: BH5	SAMPLE: C1 DEPTH: m 11.00-12.00

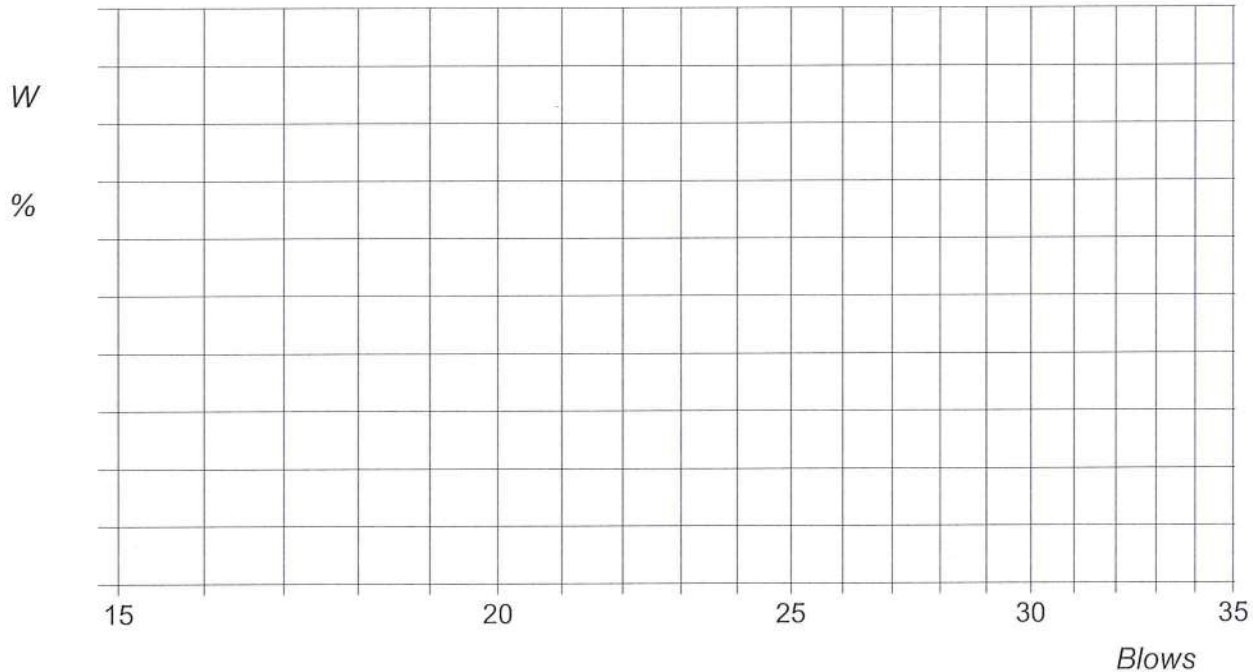
**ATTERBERG LIMITS**

Methods: Standard ASTM D4318-17e1

Liquid limit	Not determinable
Plastic limit	Not plastic
Plasticity index	- - -

LIQUID LIMIT					PLASTIC LIMIT		
Blows					Water content		
Water content					Mean water content		

Liquid limit



Certificate code: FO-116/02-008LIM-T / RIP:03-16/03/2023 / CIRC: 16/03/2023

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Test location: Laboratory

Experimenter  
 Dott. Daniel Del Negro





ORDER	24.002.01
Sample ID	
Depth (m)	11.00-12.00
Test	ATTERBERG L.
Cert./date	24.0079 17/06/2024

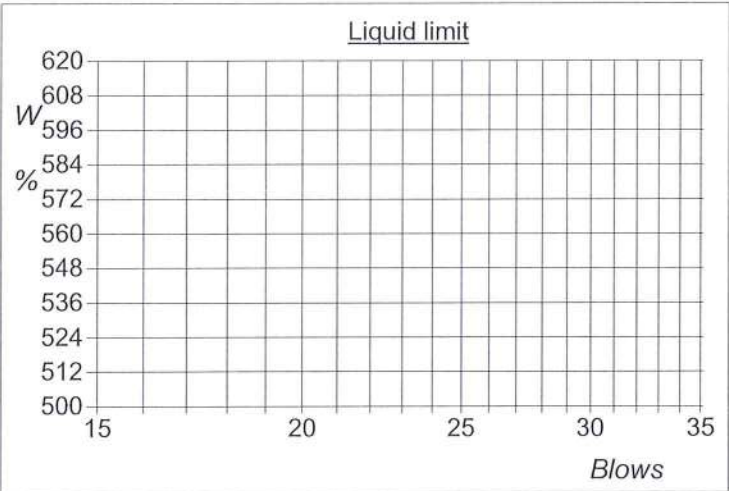
TEST CERTIFICATE N°: 24.0079	Allegato 1	Issue date: 17/06/2024	Start date: 05/06/24
Acceptance note n°: 0002	date: 04/06/24	Sample opening: 05/06/24	End date: 06/06/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN
BOREHOLE: BH5	SAMPLE: C1 DEPTH: m 11.00-12.00

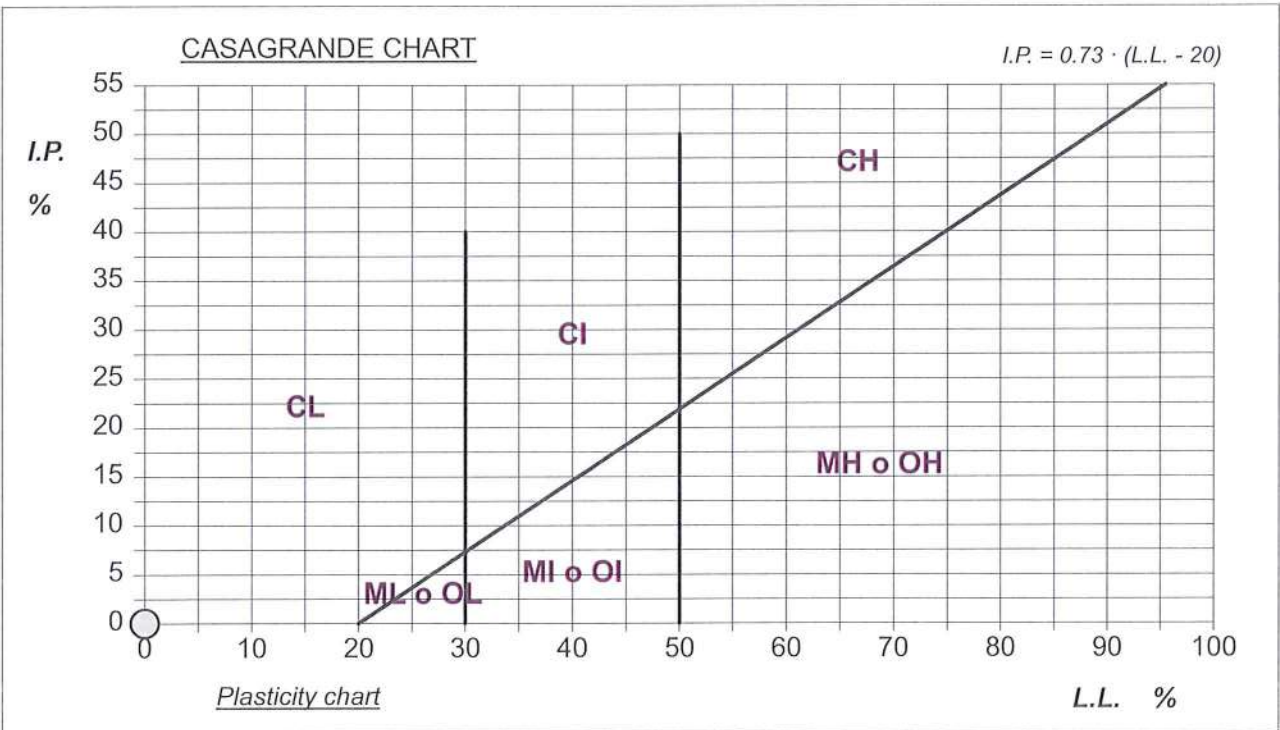
### CASAGRANDE CHART

Methods: Standard ASTM D4318-17e1

Liquid limit	N.D.	%
Plastic limit	N.D.	%
Plasticity index		%
Liquidity index		
Passing the n. 40 sieve		



<b>C - Inorganic clays</b>	<b>L - Low compressibility</b>
M - Inorganic silts	I - Medium compressibility
O - Organic soils	H - High compressibility



Certificate code: FO-116/02-008LIM-T / RIP:03-16/03/2023 / CIRC: 16/03/2023  
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 Test location: Laboratory

Experimenter  
 Dott. Daniel Del-Negro

**GEOTEST shpk**  
 Laboratory Manager  
 Dott. Andrea Forlani  
  
 Geotechnical Laboratory and Consulting  
 L21721022K  
 Autostrada Tirane-Durres Km 2, Mëzez, Tiranë (AL)



ORDER	24.002.01
Sample ID	
Depth (m)	11.00-12.00
Test	GRAIN SIZE AN.
Cert./date	24.0080 17/06/2024

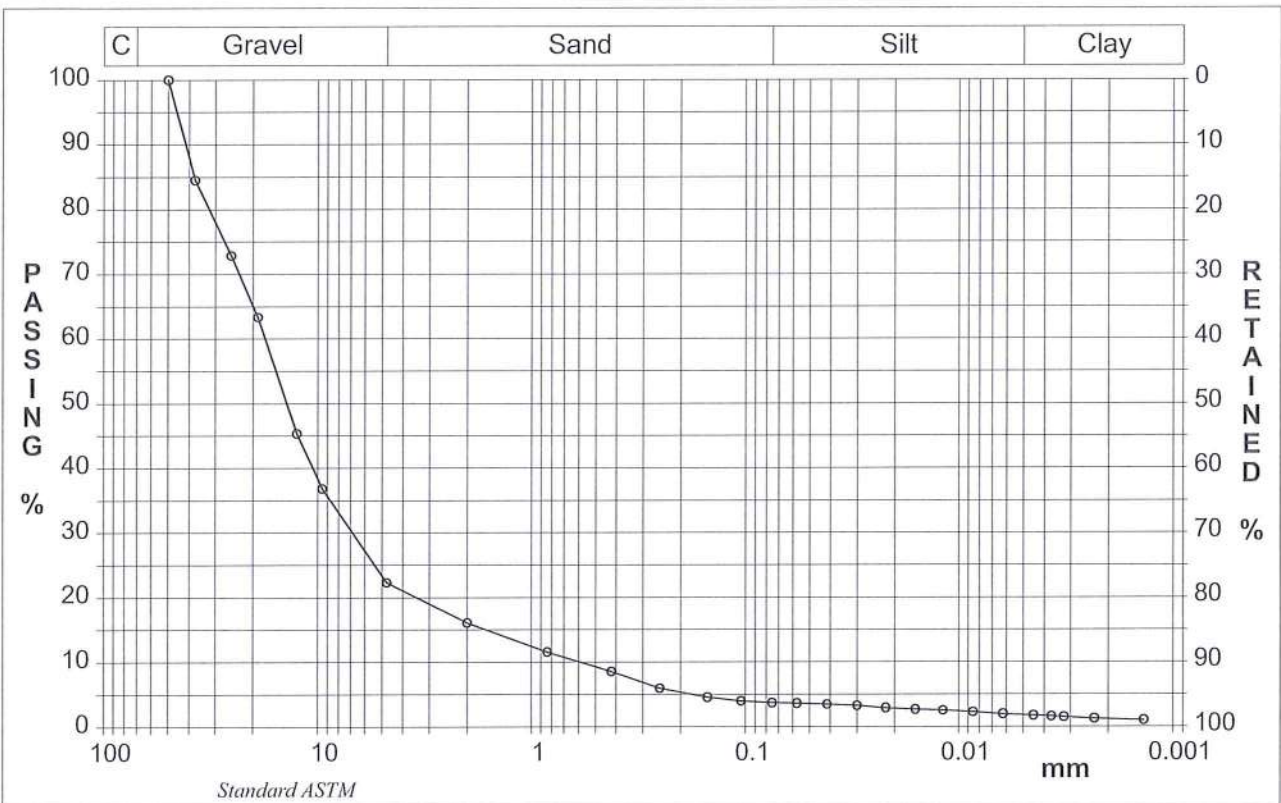
TEST CERTIFICATE N°: 24.0080	Page 1/1	Issue date: 17/06/2024	Start date: 05/06/24
Acceptance note n°: 0002	date: 04/06/24	Sample opening: 05/06/24	End date: 08/06/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN
BOREHOLE: BH5	SAMPLE: C1 DEPTH: m 11.00-12.00

### GRAIN SIZE ANALYSIS

Methods: Standard ASTM D6913/D6913M-17

Gravel	77,7 %	Passing n. 10 sieve (2 mm)	16,1 %	D <sub>10</sub>	0,58479 mm
Sand	18,6 %	Passing n. 40 sieve (0.42 mm)	8,6 %	D <sub>30</sub>	6,87051 mm
Silt	1,9 %	Passing n. 200 sieve (0.075 mm)	3,7 %	D <sub>50</sub>	13,92817 mm
Clay	1,8 %			D <sub>60</sub>	17,57380 mm
Coefficient of uniformity	30,05	Coefficient of curvature	4,59	D <sub>90</sub>	41,52184 mm



Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %
50,0000	100,00	9,5200	36,82	0,2500	5,97	0,0415	3,46	0,0086	2,29
37,5000	84,52	4,7500	22,28	0,1500	4,57	0,0299	3,28	0,0062	1,99
25,4000	72,85	2,0000	16,08	0,1050	3,99	0,0220	2,93	0,0045	1,76
19,0000	63,36	0,8410	11,58	0,0750	3,69	0,0159	2,70	0,0037	1,64
12,5000	45,35	0,4200	8,56	0,0575	3,63	0,0118	2,52	0,0032	1,52

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Test location: Laboratory

Experimenter  
Dott. Daniel Del Negro





**GEOTEST Sh.p.k.**  
**Geotechnical and Material Laboratory  
and Consulting**

Autoshrada Tirane - Dures km 2 - Mëzez, Keshar, Tirane  
Tel: +355 42 453 160 email: info@geotest.al HRPT: L21721022K



LT 090 06.03.23

ORDER	24.002.01
Sample ID	
Depth (m)	7.00-8.00
Test	WATER CONTENT
Cert./date	24.0081

TEST CERTIFICATE N°: 24.0081	Page 1/1	Issue date:	Start date:
Acceptance note n°: 0002	date: 04/06/24	Sample opening: 05/06/24	End date:

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH6	SAMPLE: C1	DEPTH: m 7.00-8.00

### WATER CONTENT

Methods: Standard ASTM D2216-19

**Wn = Natural water content = 7,5 %**

Soil structure:

- Homogeneous  
 Stratified  
 Not homogeneous

Drying temperature: 110 °C

Certificate code: FO-116/02-003UMID-T / RIP:03-16/03/2023 / CIRC: 16/03/2023

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Test location: Laboratory

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Experimenter  
Dott. Daniel De Negro







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and Consulting

Autoshrada Tirane - Dures km 2 - Mëzez, Kufshine, Tirane  
Tel: +355-42-453 160 email: info@geotest.al NPT: L21721022K



LT 090 06.03.23

ORDER	24.002.01
Sample ID	
Depth (m)	7.00-8.00
Test	SPECIFIC GRAV.
Cert./date	24.0082

TEST CERTIFICATE N°: 24.0082	Page 1/1	Issue date:	Start date:
Acceptance note n°: 0002	date: 04/06/24	Sample opening: 05/06/24	End date:

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH6	SAMPLE: C1	DEPTH: m 7.00-8.00

### SPECIFIC GRAVITY

Methods: Standard ASTM D854-23

$\gamma_s$  = Specific gravity (average of 2 measurements) (kN/m<sup>3</sup>) = 26,3 kN/m<sup>3</sup>

$\gamma_{sc}$  = Specific gravity at 20° (kN/m<sup>3</sup>) = 26,3 kN/m<sup>3</sup>

Method:  A  B

Pycnometer size: 100 ml

Test temperature: 23,8 °C

Certificate code: FO-116/02-005GS-T / RIP:03-16/03/2023 / CIRC: 16/03/2023

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Test location: Laboratory

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Experimenter  
Dott. Daniel Del Negro





ORDER	24.002.01
Sample ID	
Depth (m)	7.00-8.00
Test	ATTERBERG L.
Cert./date	24.0083

TEST CERTIFICATE N°: 24.0083	Page 1/1	Issue date:	Start date:
Acceptance note n°: 0002	date: 04/06/24	Sample opening: 05/06/24	End date:

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH6	SAMPLE: C1	DEPTH: m 7.00-8.00

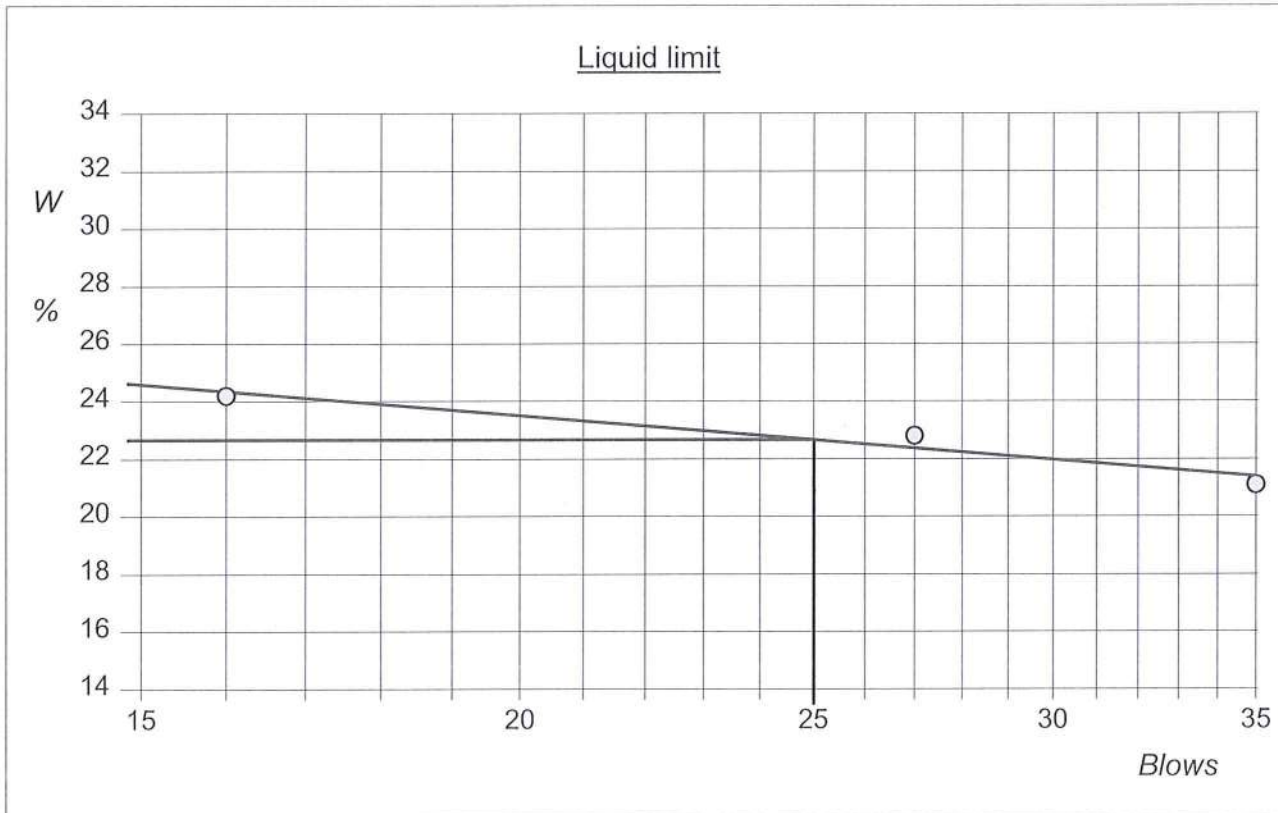
### ATTERBERG LIMITS

Methods: Standard ASTM D4318-17e1

Liquid limit	23 %
Plastic limit	18 %
Plasticity index	5 %

The liquid and plastic limits have been performed on the material passing n° 40 (0.42 mm) sieve

LIQUID LIMIT					PLASTIC LIMIT		
Blows	16	27	35		Water content	17,8	17,7
Water content	24,2	22,8	21,1		Mean water content	17,8	



Certificate code: FO-116/02-08LIM-T / RIP:03-16/03/2023 / CIRC: 16/03/2023

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Test location: Laboratory





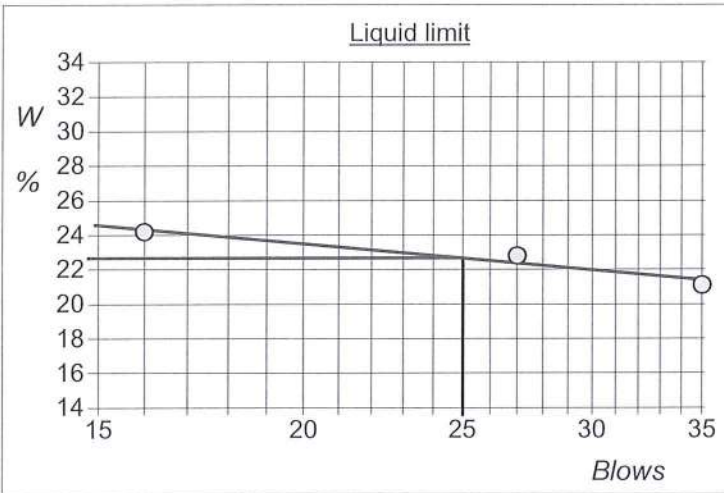
ORDER	24.002.01
Sample ID	
Depth (m)	7.00-8.00
Test	ATTERBERG L.
Cert./date	24.0083

TEST CERTIFICATE N°: 24.0083	Allegato 1	Issue date:	Start date:
Acceptance note n°: 0002	date: 04/06/24	Sample opening: 05/06/24	End date:
CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK		
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN		
BOREHOLE: BH6	SAMPLE: C1	DEPTH: m 7.00-8.00	

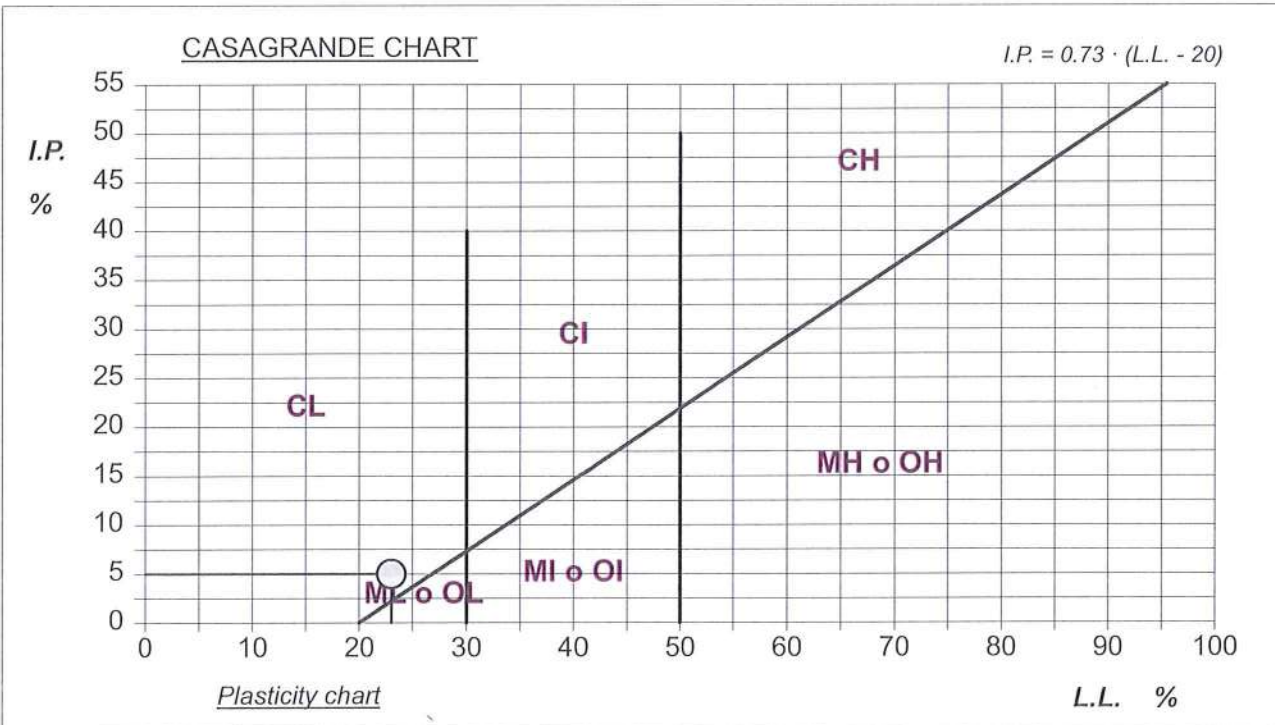
### CASAGRANDE CHART

Methods: Standard ASTM D4318-17e1

Liquid limit	23	%
Plastic limit	18	%
Plasticity index	5	%
Liquidity index	3,11	
Passing the n. 40 sieve	YES	



<b>C - Inorganic clays</b>	<b>L - Low compressibility</b>
M - Inorganic silts	I - Medium compressibility
O - Organic soils	H - High compressibility



Certificate code: FO-116/02-08LIM-T / RIP:03-16/03/2023 / CIRC: 16/03/2023

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Test location: Laboratory

Experimenter  
 Dott. Daniel Del Negro





ORDER	24.002.01
Sample ID	
Depth (m)	7.00-8.00
Test	GRAIN SIZE AN.
Cert./date	24.0084 03/06/24

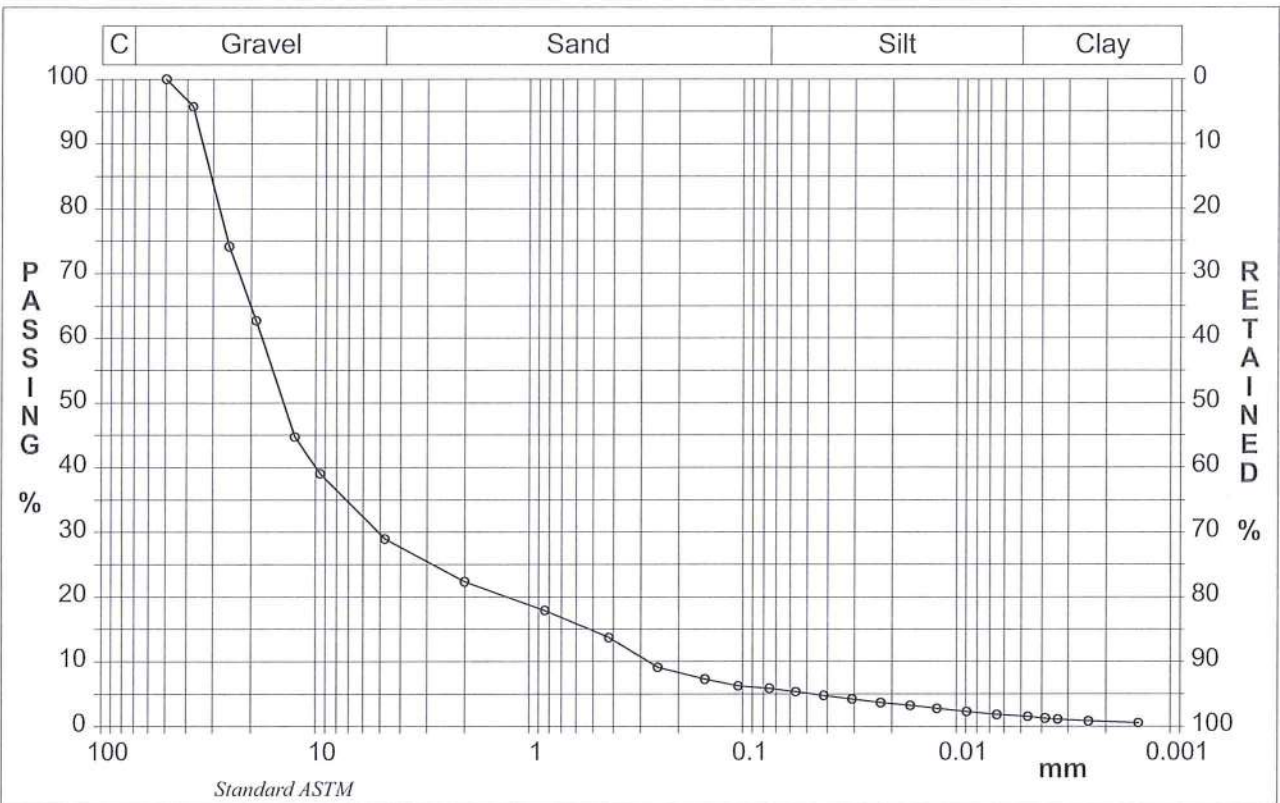
TEST CERTIFICATE N°: 24.0084	Page 1/1	Issue date: 03/06/24	Start date: 29/05/24
Acceptance note n°: 0002	date: 04/06/24	Sample opening: 05/06/24	End date: 01/06/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH6	SAMPLE: C1	DEPTH: m 7.00-8.00

### GRAIN SIZE ANALYSIS

Methods: Standard ASTM D6913/D6913M-17

Gravel	71,0 %	Passing n. 10 sieve (2 mm)	22,3 %	D10	0,27686 mm
Sand	23,1 %	Passing n. 40 sieve (0.42 mm)	13,7 %	D30	5,09930 mm
Silt	4,3 %	Passing n. 200 sieve (0.075 mm)	5,9 %	D50	14,13314 mm
Clay	1,6 %			D60	17,83743 mm
Coefficient of uniformity	64,43	Coefficient of curvature	5,27	D90	33,80851 mm



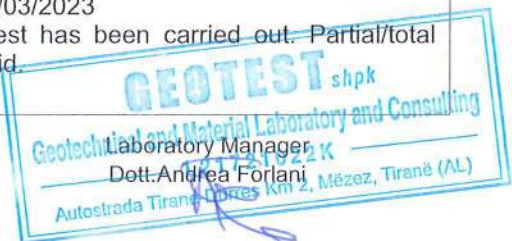
Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %
50,0000	100,00	9,5200	39,05	0,2500	9,09	0,0417	4,78	0,0089	2,30
37,5000	95,74	4,7500	28,97	0,1500	7,30	0,0307	4,23	0,0065	1,84
25,4000	74,16	2,0000	22,35	0,1050	6,27	0,0225	3,68	0,0047	1,56
19,0000	62,71	0,8410	17,90	0,0750	5,87	0,0164	3,22	0,0039	1,29
12,5000	44,72	0,4200	13,70	0,0565	5,33	0,0123	2,76	0,0034	1,10

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Test location: Laboratory

Experimenter  
Dott. Daniel Del Negro





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LT 090 06.03.23

ORDER	24.002.01
Sample ID	
Depth (m)	11.00-12.00
Test	WATER CONTENT
Cert./date	24.0085

TEST CERTIFICATE N°: 24.0085	Page 1/1	Issue date:	Start date:
Acceptance note n°: 0002	date: 04/06/24	Sample opening: 05/06/24	End date:

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH7	SAMPLE: C1	DEPTH: m 11.00-12.00

### WATER CONTENT

Methods: Standard ASTM D2216-19

**W<sub>n</sub> = Natural water content = 4,2 %**

Soil structure:

- Homogeneous  
 Stratified  
 Not homogeneous

Drying temperature: 110 °C





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LT 090 06.03.23

ORDER	24.002.01
Sample ID	
Depth (m)	11.00-12.00
Test	SPECIFIC GRAV.
Cert./date	24.0086

TEST CERTIFICATE N°: 24.0086	Page 1/1	Issue date:	Start date:
Acceptance note n°: 0002	date: 04/06/24	Sample opening: 05/06/24	End date:

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH7	SAMPLE: C1	DEPTH: m 11.00-12.00

### SPECIFIC GRAVITY

Methods: Standard ASTM D854-23

$\gamma_s$  = Specific gravity (average of 2 measurements) (kN/m<sup>3</sup>) = 26,6 kN/m<sup>3</sup>

$\gamma_{sc}$  = Specific gravity at 20° (kN/m<sup>3</sup>) = 26,6 kN/m<sup>3</sup>

Method:  A  B

Pycnometer size: 100 ml

Test temperature: 24,7 °C

Experimenter  
Dott. Daniel Del-Negro





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LT 090 06.03.23

ORDER	24.002.01
Sample ID	
Depth (m)	11.00-12.00
Test	ATTERBERG L.
Cert./date	24.0087

TEST CERTIFICATE N°: 24.0087	Page 1/1	Issue date:	Start date:
Acceptance note n°: 0002	date: 04/06/24	Sample opening: 05/06/24	End date:

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN
BOREHOLE: BH7	SAMPLE: C1 DEPTH: m 11.00-12.00

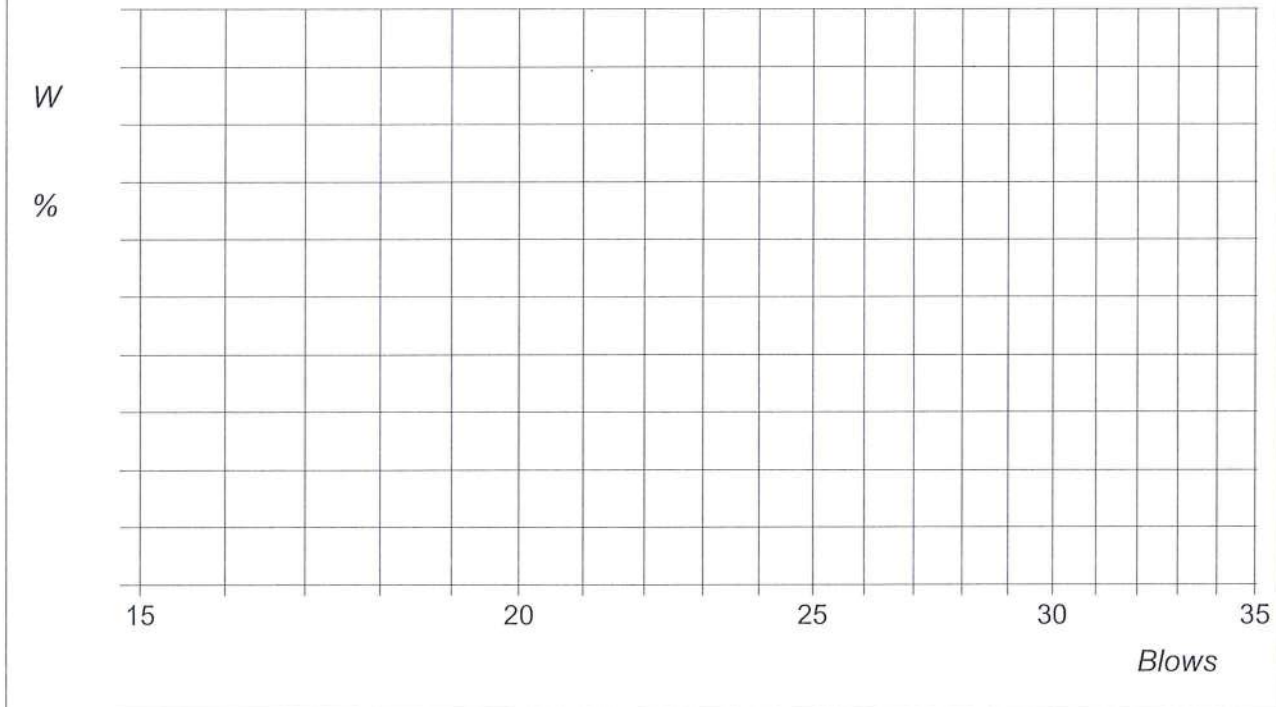
### ATTERBERG LIMITS

Methods: Standard ASTM D4318-17e1

Liquid limit	Not determinable
Plastic limit	Not plastic
Plasticity index	---

LIQUID LIMIT					PLASTIC LIMIT		
Blows					Water content		
Water content					Mean water content		

#### Liquid limit



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*[Signature]*





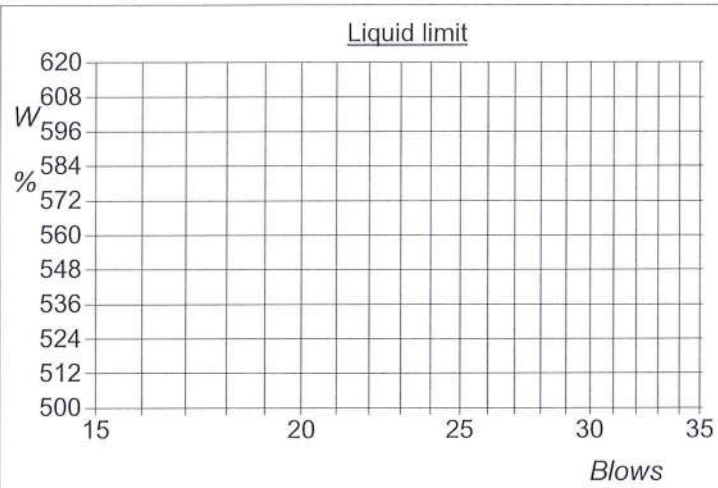
ORDER	24.002.01
Sample ID	
Depth (m)	11.00-12.00
Test	ATTERBERG L.
Cert./date	24.0087

TEST CERTIFICATE N°: 24.0087	Allegato 1	Issue date:	Start date:
Acceptance note n°: 0002	date: 04/06/24	Sample opening: 05/06/24	End date:
CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK		
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN		
BOREHOLE: BH7	SAMPLE: C1	DEPTH: m 11.00-12.00	

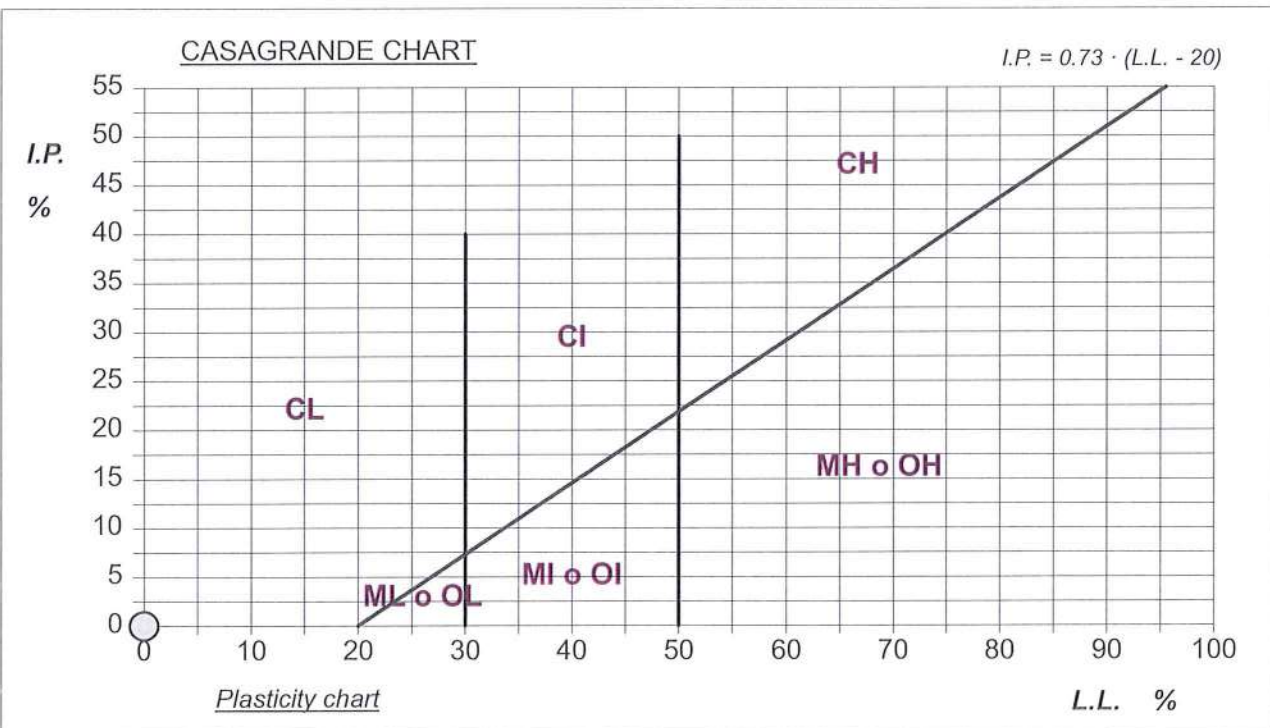
### CASAGRANDE CHART

Methods: Standard ASTM D4318-17e1

Liquid limit	N.D.	%
Plastic limit	N.D.	%
Plasticity index		%
Liquidity index		
Passing the n. 40 sieve		



<b>C - Inorganic clays</b>	<b>L - Low compressibility</b>
M - Inorganic silts	I - Medium compressibility
O - Organic soils	H - High compressibility







ORDER	24.002.01
Sample ID	
Depth (m)	11.00-12.00
Test	GRAIN SIZE AN.
Cert./date	24.0088 03/06/24

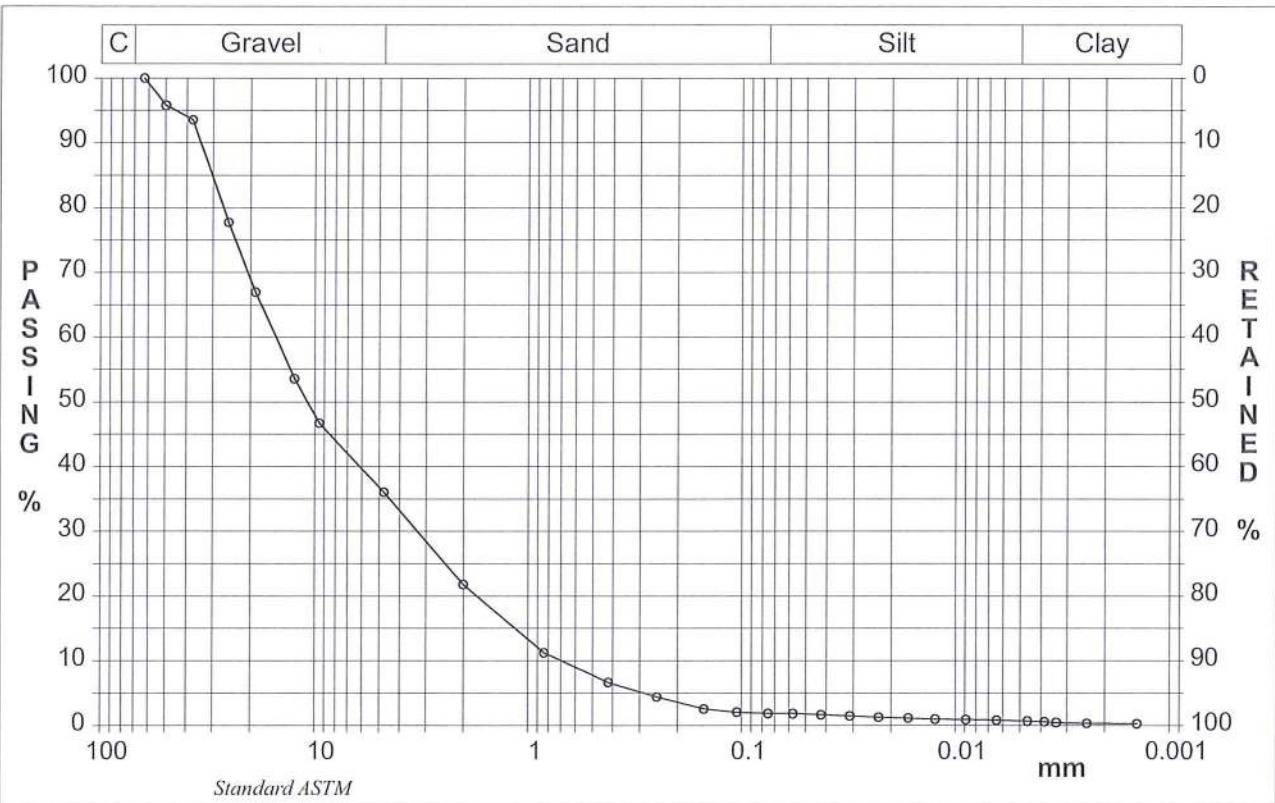
TEST CERTIFICATE N°: 24.0088	Page 1/1	Issue date:	03/06/24	Start date:	29/05/24
Acceptance note n°: 0002	date: 04/06/24	Sample opening:	05/06/24	End date:	01/06/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH7	SAMPLE: C1	DEPTH: m 11.00-12.00

### GRAIN SIZE ANALYSIS

Methods: Standard ASTM D6913/D6913M-17

Gravel	64,0 %	Passing n. 10 sieve (2 mm)	21,8 %	D10	0,69768 mm
Sand	34,1 %	Passing n. 40 sieve (0.42 mm)	6,7 %	D30	3,29734 mm
Silt	1,2 %	Passing n. 200 sieve (0.075 mm)	1,9 %	D50	10,85140 mm
Clay	0,7 %			D60	15,29546 mm
Coefficient of uniformity	21,92	Coefficient of curvature	1,02	D90	34,37628 mm



Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %
63,0000	100,00	12,5000	53,54	0,4200	6,68	0,0575	1,85	0,0124	1,01
50,0000	95,79	9,5200	46,72	0,2500	4,39	0,0423	1,67	0,0089	0,92
37,5000	93,53	4,7500	36,02	0,1500	2,55	0,0311	1,49	0,0064	0,83
25,4000	77,70	2,0000	21,76	0,1050	2,07	0,0228	1,31	0,0046	0,71
19,0000	66,94	0,8410	11,22	0,0750	1,88	0,0166	1,16	0,0038	0,60

Certificate code: FO-116/02-007GRC-T / RIP:03-16/03/2023 / CIRC: 16/03/2023

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Test location: Laboratory

Experimenter  
Dott. Daniel Del Negro





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LT 090 06.03.23

ORDER	24.002.01
Sample ID	
Depth (m)	8.00-9.00
Test	WATER CONTENT
Cert./date	24.0089

TEST CERTIFICATE N°: 24.0089	Page 1/1	Issue date:	Start date:
Acceptance note n°: 0002	date: 04/06/24	Sample opening: 05/06/24	End date:
CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK		
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN		
BOREHOLE: BH9	SAMPLE: C1	DEPTH: m 8.00-9.00	
<b><u>WATER CONTENT</u></b>			
Methods: Standard ASTM D2216-19			

**Wn = Natural water content = 8,1 %**

Soil structure:

Homogeneous  
 Stratified  
 Not homogeneous

Drying temperature: 110 °C

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Test location: Laboratory

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LT 090 06.03.23

ORDER	24.002.01
Sample ID	
Depth (m)	8.00-9.00
Test	SPECIFIC GRAV.
Cert./date	24.0090

TEST CERTIFICATE N°: 24.0090	Page 1/1	Issue date:	Start date:
Acceptance note n°: 0002	date: 04/06/24	Sample opening: 05/06/24	End date:

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH9	SAMPLE: C1	DEPTH: m 8.00-9.00

### SPECIFIC GRAVITY

Methods: Standard ASTM D854-23

$\gamma_s$  = Specific gravity (average of 2 measurements) (kN/m<sup>3</sup>) = 26,3 kN/m<sup>3</sup>

$\gamma_{sc}$  = Specific gravity at 20° (kN/m<sup>3</sup>) = 26,3 kN/m<sup>3</sup>

Method:  A  B

Pycnometer size: 100 ml

Test temperature: 23,9 °C

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ORDER	24.002.01
Sample ID	
Depth (m)	8.00-9.00
Test	ATTERBERG L.
Cert./date	24.0091

TEST CERTIFICATE N°: 24.0091	Page 1/1	Issue date:	Start date:
Acceptance note n°: 0002	date: 04/06/24	Sample opening: 05/06/24	End date:

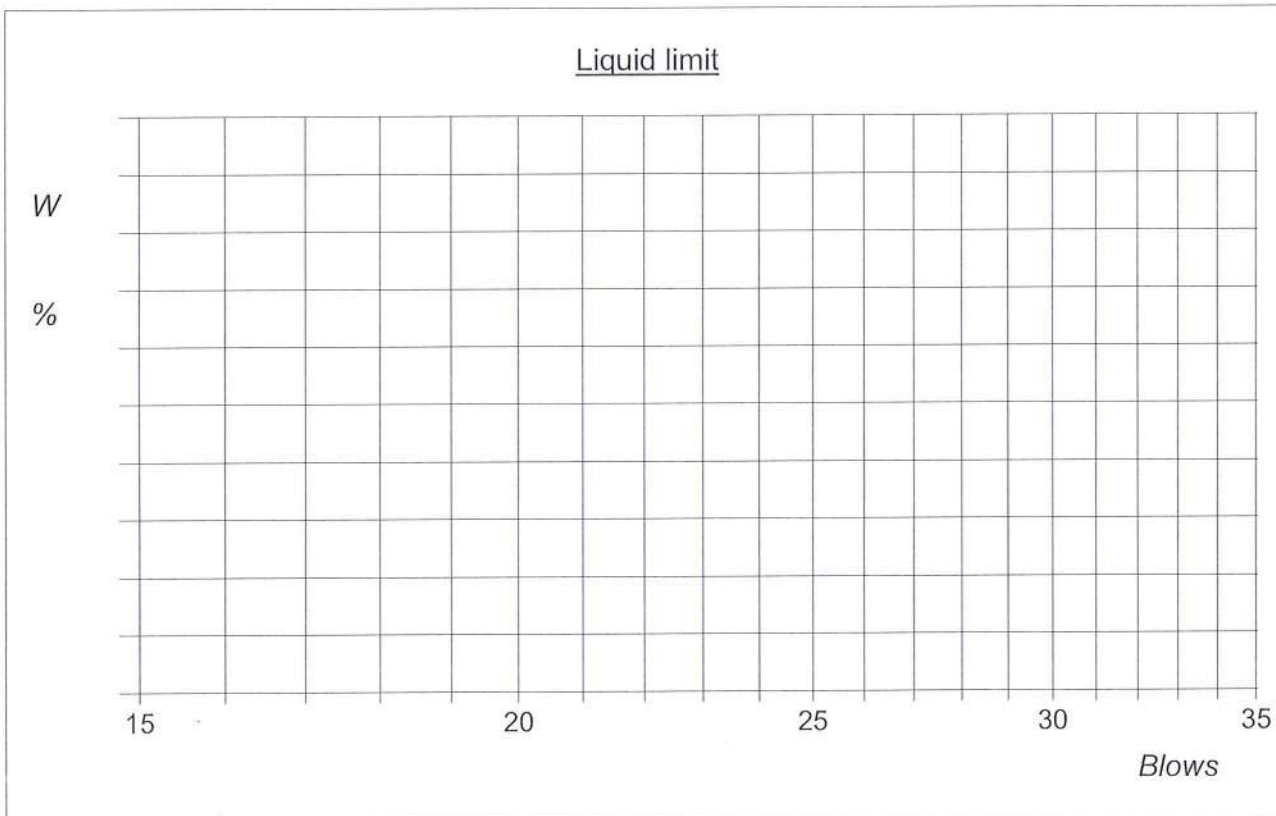
CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN
BOREHOLE: BH9	SAMPLE: C1 DEPTH: m 8.00-9.00

**ATTERBERG LIMITS**

Methods: Standard ASTM D4318-17e1

Liquid limit	Not determinable
Plastic limit	Not plastic
Plasticity index	---

LIQUID LIMIT					PLASTIC LIMIT		
Blows					Water content		
Water content					Mean water content		



Certificate code: FO-116/02-08LIM-T / RIP:03-16/03/2023 / CIRC: 16/03/2023

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Test location: Laboratory

Experimenter  
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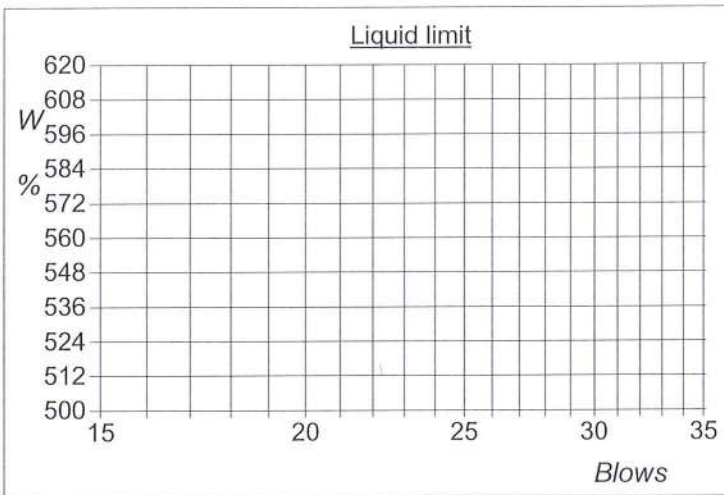
ORDER	24.002.01
Sample ID	
Depth (m)	8.00-9.00
Test	ATTERBERG L.
Cert./date	24.0091

TEST CERTIFICATE N°: 24.0091	Allegato 1	Issue date:	Start date:
Acceptance note n°: 0002	date: 04/06/24	Sample opening: 05/06/24	End date:
CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK		
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN		
BOREHOLE: BH9	SAMPLE: C1	DEPTH: m 8.00-9.00	

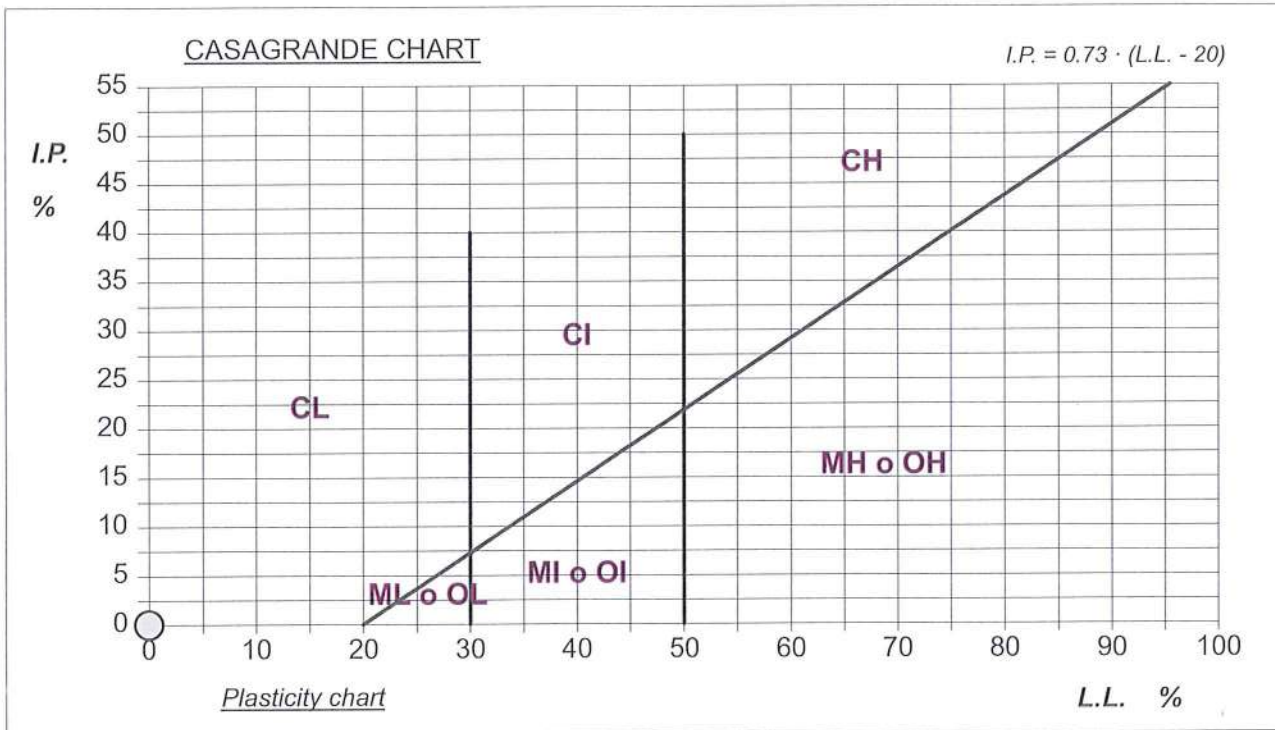
### CASAGRANDE CHART

Methods: Standard ASTM D4318-17e1

Liquid limit	N.D.	%
Plastic limit	N.D.	%
Plasticity index		%
Liquidity index		
Passing the n. 40 sieve		



<b>C - Inorganic clays</b>	<b>L - Low compressibility</b>
M - Inorganic silts	I - Medium compressibility
O - Organic soils	H - High compressibility



Certificate code: FO-116/02-08LIM-T / RIP:03-16/03/2023 / CIRC: 16/03/2023

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Test location: Laboratory

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ORDER	24.002.01
Sample ID	
Depth (m)	8.00-9.00
Test	GRAIN SIZE AN.
Cert./date	24.0092 03/06/24

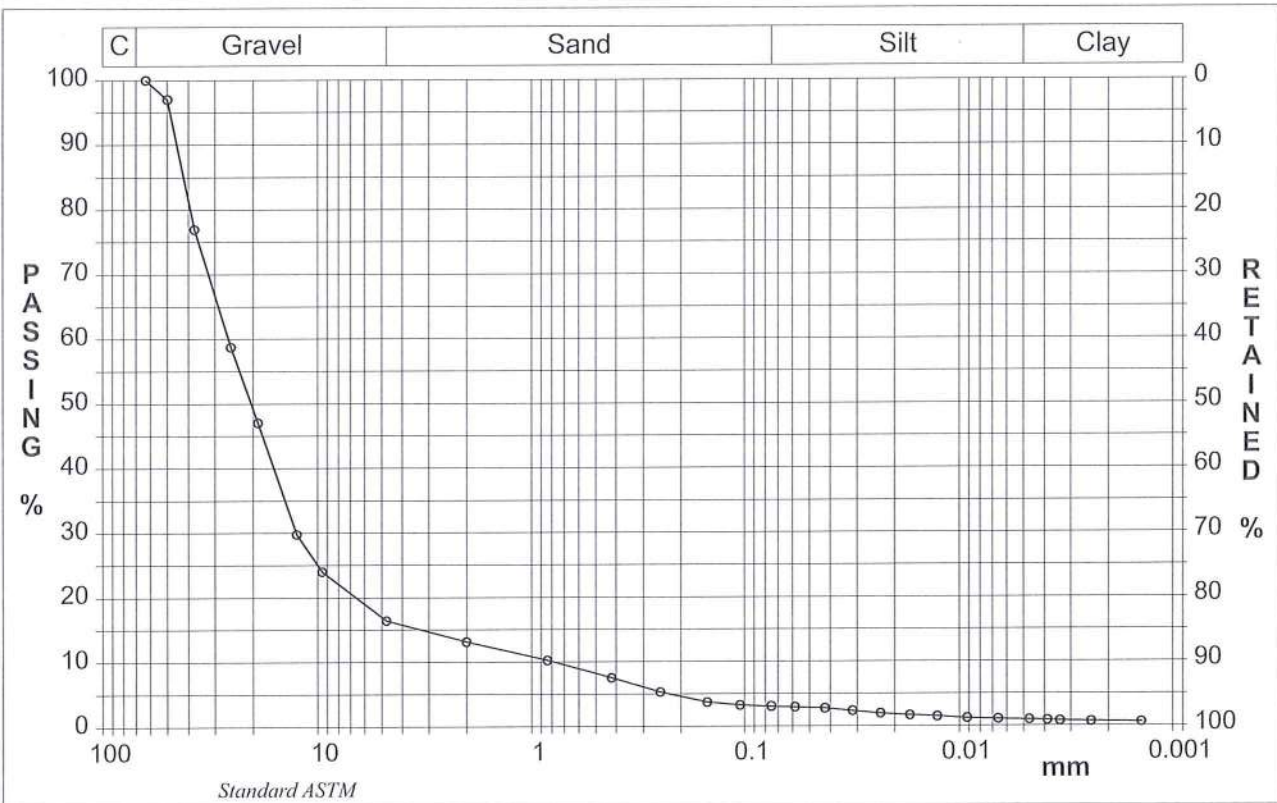
TEST CERTIFICATE N°: 24.0092	Page 1/1	Issue date: 03/06/24	Start date: 29/05/24
Acceptance note n°: 0002	date: 04/06/24	Sample opening: 05/06/24	End date: 01/06/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN
BOREHOLE: BH9	SAMPLE: C1 DEPTH: m 8.00-9.00

## GRAIN SIZE ANALYSIS

Methods: Standard ASTM D6913/D6913M-17

Gravel	83,6 %	Passing n. 10 sieve (2 mm)	13,1 %	D10	0,78748 mm
Sand	13,3 %	Passing n. 40 sieve (0.42 mm)	7,5 %	D30	12,56478 mm
Silt	2,1 %	Passing n. 200 sieve (0.075 mm)	3,1 %	D50	20,45366 mm
Clay	1,0 %			D60	26,09130 mm
Coefficient of uniformity	33,13	Coefficient of curvature	7,68	D90	45,21292 mm



Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %
63,0000	100,00	12,5000	29,79	0,4200	7,52	0,0583	2,94	0,0127	1,47
50,0000	97,03	9,5200	23,97	0,2500	5,32	0,0423	2,74	0,0092	1,22
37,5000	76,93	4,7500	16,39	0,1500	3,69	0,0315	2,35	0,0066	1,08
25,4000	58,75	2,0000	13,12	0,1050	3,26	0,0233	1,96	0,0047	0,98
19,0000	47,02	0,8410	10,26	0,0750	3,07	0,0170	1,67	0,0039	0,88

Certificate code: FO-116/02-007GRC-T / RIP:03-16/03/2023 / CIRC: 16/03/2023

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Test location: Laboratory

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LT 090 06.03.23

ORDER	24.002.01
Sample ID	
Depth (m)	13.00-14.00
Test	WATER CONTENT
Cert./date	24.0093

TEST CERTIFICATE N°: 24.0093	Page 1/1	Issue date:	Start date:
Acceptance note n°: 0002	date: 04/06/24	Sample opening: 05/06/24	End date:

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN
BOREHOLE: BH10	SAMPLE: C1 DEPTH: m 13.00-14.00

### WATER CONTENT

Methods: Standard ASTM D2216-19

**Wn = Natural water content = 7,9 %**

Soil structure:

- Homogeneous
- Stratified
- Not homogeneous

Drying temperature: 110 °C

Certificate code: FO-116/02-003UMID-T / RIP:03-16/03/2023 / CIRC: 16/03/2023

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Test location: Laboratory

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LT 090 06.03.23

ORDER	24.002.01
Sample ID	
Depth (m)	13.00-14.00
Test	SPECIFIC GRAV.
Cert./date	24.0094

TEST CERTIFICATE N°: 24.0094	Page 1/1	Issue date:	Start date:
Acceptance note n°: 0002	date: 04/06/24	Sample opening: 05/06/24	End date:
CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK		
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN		
BOREHOLE: BH10	SAMPLE: C1	DEPTH: m 13.00-14.00	
<b><u>SPECIFIC GRAVITY</u></b>			
Methods: Standard ASTM D854-23			

$\gamma_s$ = Specific gravity (average of 2 measurements) (kN/m <sup>3</sup> ) = 26,3 kN/m <sup>3</sup> $\gamma_{sc}$ = Specific gravity at 20° (kN/m <sup>3</sup> ) = 26,3 kN/m <sup>3</sup>
--

Method:  A  B

Pycnometer size: 100 ml

Test temperature: 25,2 °C

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ORDER	24.002.01
Sample ID	
Depth (m)	13.00-14.00
Test	ATTERBERG L.
Cert./date	24.0095

TEST CERTIFICATE N°: 24.0095	Page 1/1	Issue date:	Start date:
Acceptance note n°: 0002	date: 04/06/24	Sample opening: 05/06/24	End date:

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH10	SAMPLE: C1	DEPTH: m 13.00-14.00

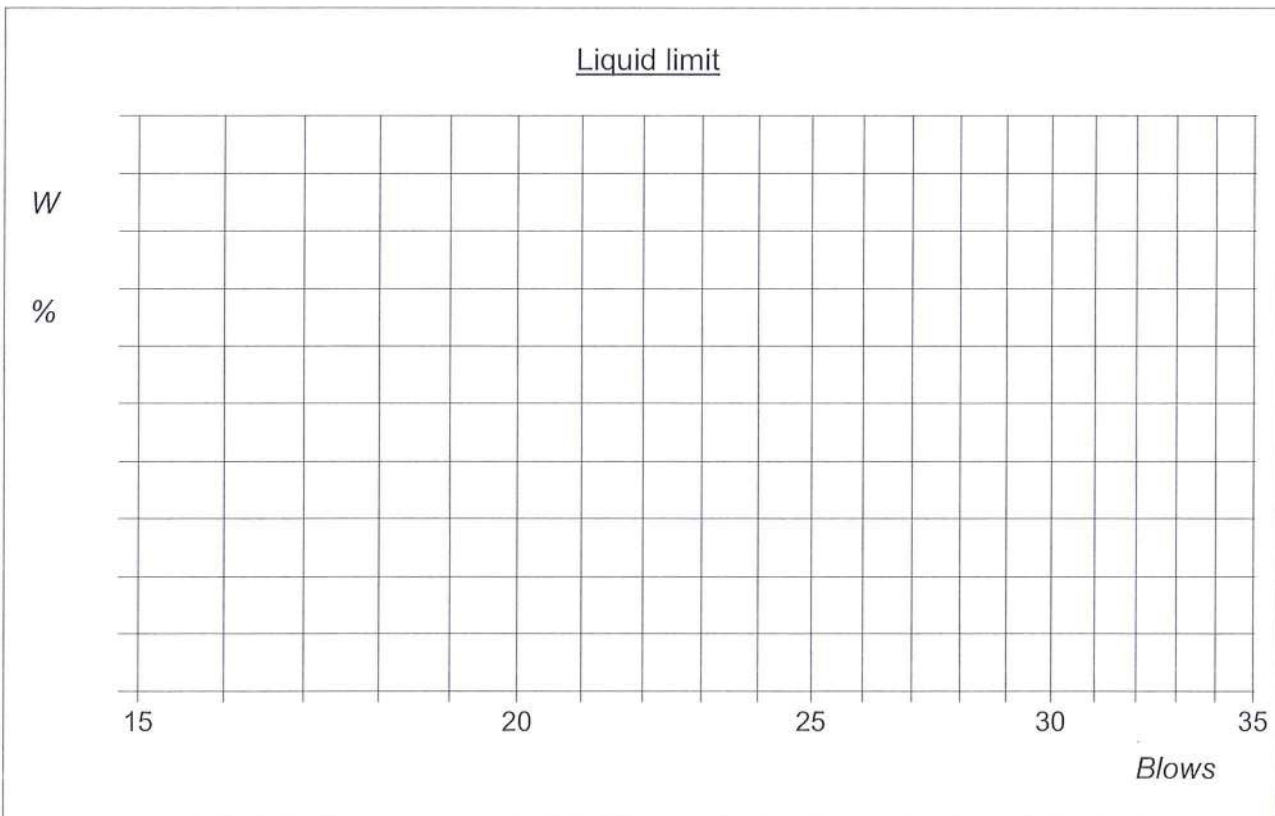
### ATTERBERG LIMITS

Methods: Standard ASTM D4318-17e1

Liquid limit	Not determinable
Plastic limit	Not plastic
Plasticity index	- - -

LIQUID LIMIT					PLASTIC LIMIT		
Blows					Water content		
Water content					Mean water content		

#### Liquid limit



Certificate code: FO-116/02-08LIM-T / RIP:03-16/03/2023 / CIRC: 16/03/2023

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Test location: Laboratory



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LT 090 06.03.23

ORDER	24.002.01
Sample ID	
Depth (m)	13.00-14.00
Test	WATER CONTENT
Cert./date	24.0093

TEST CERTIFICATE N°: 24.0093	Page 1/1	Issue date:	Start date:
Acceptance note n°: 0002	date: 04/06/24	Sample opening: 05/06/24	End date:

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH10	SAMPLE: C1	DEPTH: m 13.00-14.00

### WATER CONTENT

Methods: Standard ASTM D2216-19

**W<sub>n</sub> = Natural water content = 7,9 %**

Soil structure:

- Homogeneous  
 Stratified  
 Not homogeneous

Drying temperature: 110 °C

Certificate code: FO-116/02-003UMID-T / RIP:03-16/03/2023 / CIRC: 16/03/2023

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Test location: Laboratory

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LT 090 06.03.23

ORDER	24.002.01
Sample ID	
Depth (m)	13.00-14.00
Test	SPECIFIC GRAV.
Cert./date	24.0094

TEST CERTIFICATE N°: 24.0094	Page 1/1	Issue date:	Start date:
Acceptance note n°: 0002	date: 04/06/24	Sample opening: 05/06/24	End date:
CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK		
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN		
BOREHOLE: BH10	SAMPLE: C1	DEPTH: m 13.00-14.00	
<b><u>SPECIFIC GRAVITY</u></b>			
Methods: Standard ASTM D854-23			

$\gamma_s$  = Specific gravity (average of 2 measurements) (kN/m<sup>3</sup>) = 26,3 kN/m<sup>3</sup>

$\gamma_{sc}$  = Specific gravity at 20° (kN/m<sup>3</sup>) = 26,3 kN/m<sup>3</sup>

Method:  A  B

Pycnometer size: 100 ml

Test temperature: 25,2 °C

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Test location: Laboratory

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Experimenter  
Dott. Daniel Del Negro





ORDER	24.002.01
Sample ID	
Depth (m)	13.00-14.00
Test	ATTERBERG L.
Cert./date	24.0095

TEST CERTIFICATE N°: 24.0095	Page 1/1	Issue date:	Start date:
Acceptance note n°: 0002	date: 04/06/24	Sample opening: 05/06/24	End date:

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN
BOREHOLE: BH10	SAMPLE: C1 DEPTH: m 13.00-14.00

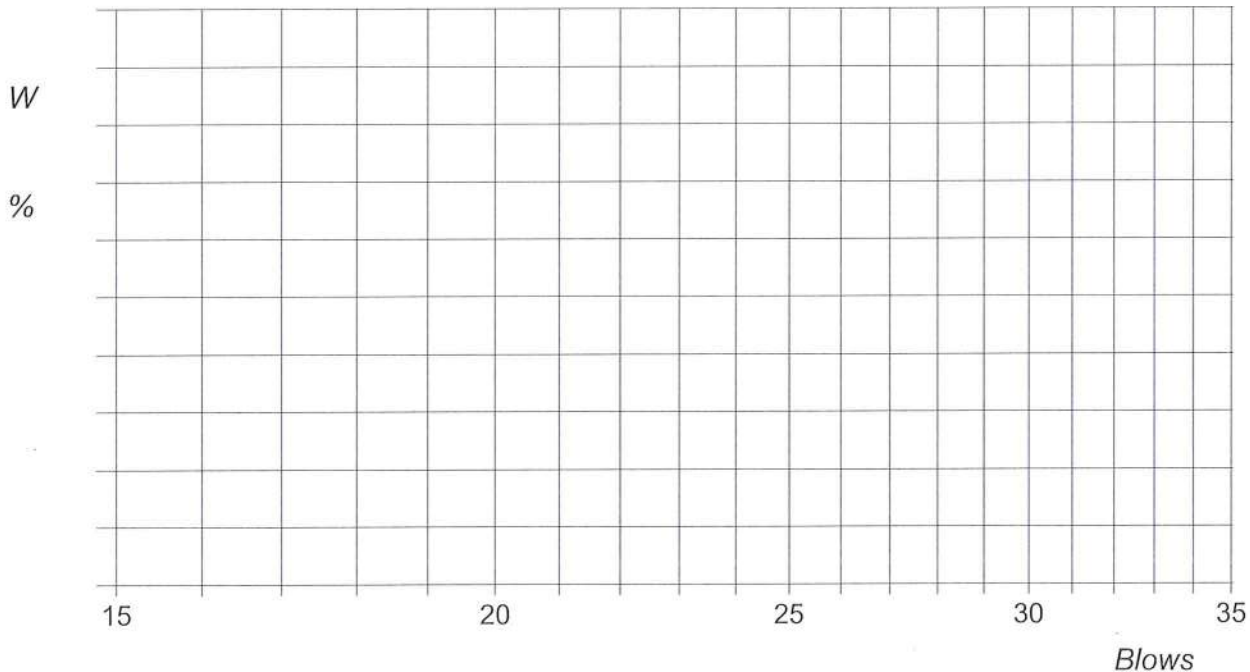
**ATTERBERG LIMITS**

Methods: Standard ASTM D4318-17e1

Liquid limit	Not determinable
Plastic limit	Not plastic
Plasticity index	---

LIQUID LIMIT					PLASTIC LIMIT		
Blows					Water content		
Water content					Mean water content		

Liquid limit



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Test location: Laboratory

Experimenter  
 Dott. Daniel Del Negro

**GEOTEST shpk**  
 Geotechnical and Material Laboratory and Consulting  
 Laboratory Manager  
 Dott. Andrea Forlani

NPT: L21721022K  
 Autoshtrada Tiranë - Durrës Km 2, Mëzez, Tiranë (AL)



ORDER	24.002.01
Sample ID	
Depth (m)	13.00-14.00
Test	ATTERBERG L.
Cert./date	24.0095

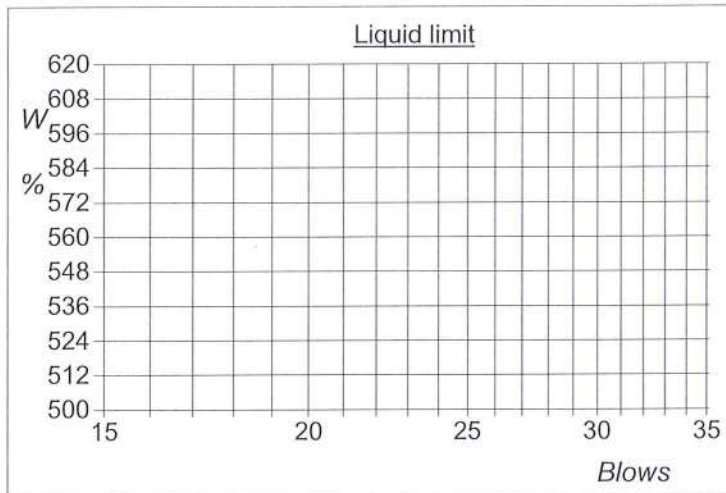
TEST CERTIFICATE N°: 24.0095	Allegato 1	Issue date:	Start date:
Acceptance note n°: 0002	date: 04/06/24	Sample opening: 05/06/24	End date:

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN
BOREHOLE: BH10	SAMPLE: C1 DEPTH: m 13.00-14.00

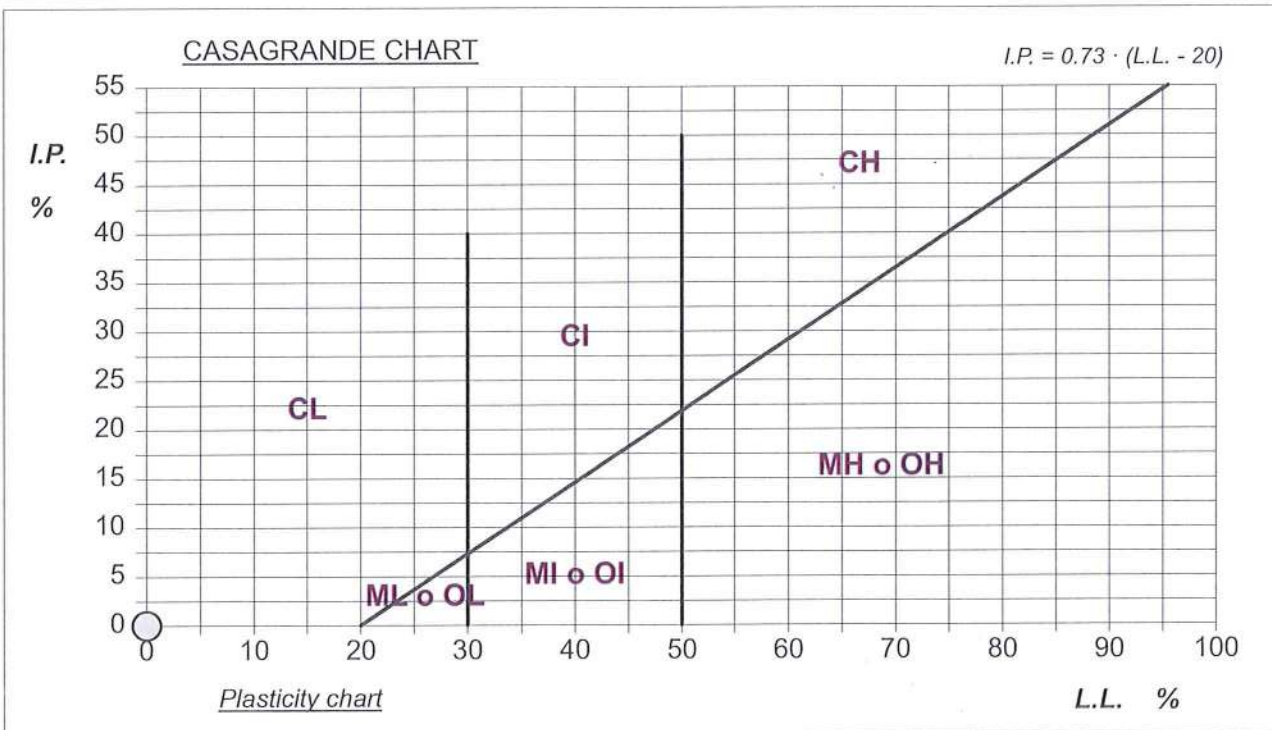
### CASAGRANDE CHART

Methods: Standard ASTM D4318-17e1

Liquid limit	N.D.	%
Plastic limit	N.D.	%
Plasticity index		%
Liquidity index		
Passing the n. 40 sieve		



<b>C - Inorganic clays</b>	<b>L - Low compressibility</b>
M - Inorganic silts	I - Medium compressibility
O - Organic soils	H - High compressibility



Certificate code: FO-116/02-08LIM-T / RIP:03-16/03/2023 / CIRC: 16/03/2023

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Test location: Laboratory





ORDER	24.002.01
Sample ID	
Depth (m)	13.00-14.00
Test	GRAIN SIZE AN.
Cert./date	24.0096 03/06/24

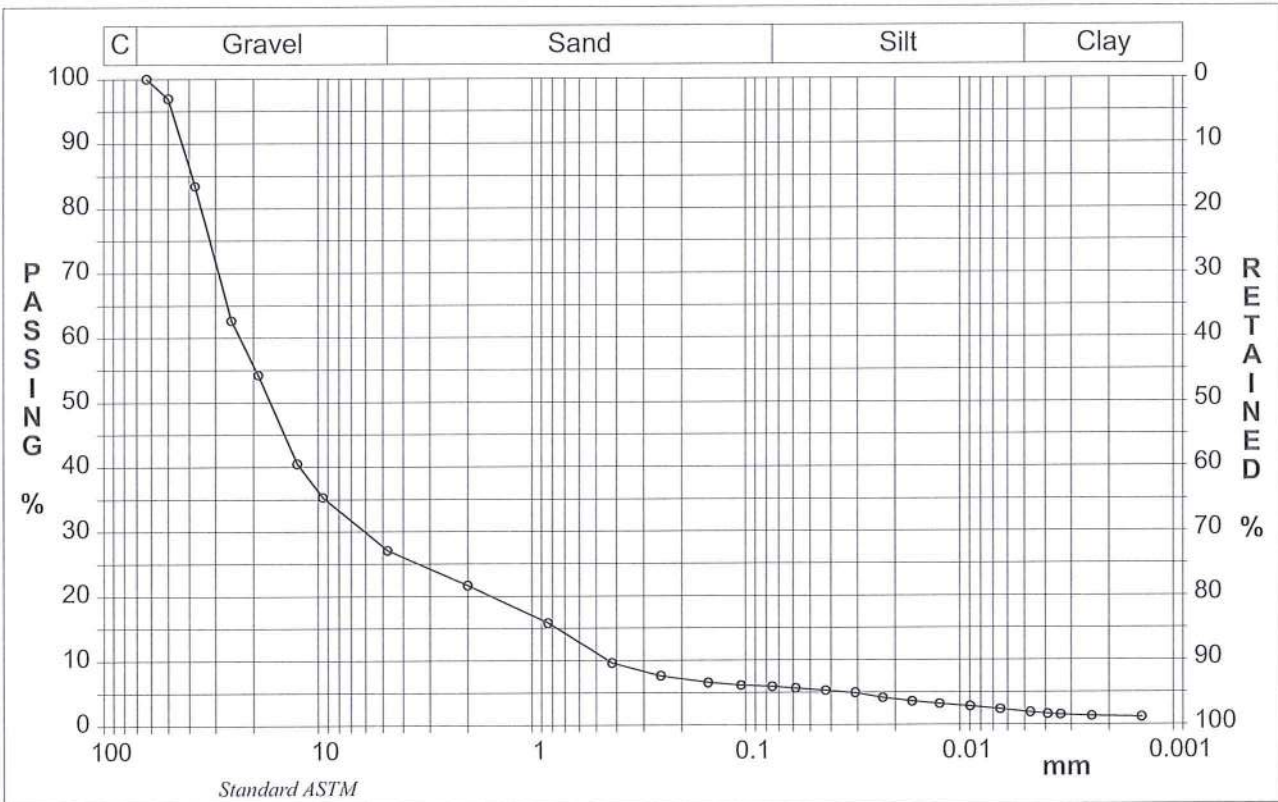
TEST CERTIFICATE N°: 24.0096	Page 1/1	Issue date: 03/06/24	Start date: 29/05/24
Acceptance note n°: 0002	date: 04/06/24	Sample opening: 05/06/24	End date: 01/06/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN
BOREHOLE: BH10	SAMPLE: C1 DEPTH: m 13.00-14.00

### GRAIN SIZE ANALYSIS

Methods: Standard ASTM D6913/D6913M-17

Gravel	72,9 %	Passing n. 10 sieve (2 mm)	21,6 %	D10	0,43903 mm
Sand	21,1 %	Passing n. 40 sieve (0.42 mm)	9,6 %	D30	6,08162 mm
Silt	4,0 %	Passing n. 200 sieve (0.075 mm)	6,0 %	D50	16,69581 mm
Clay	2,0 %			D60	23,18733 mm
Coefficient of uniformity	52,82	Coefficient of curvature	3,63	D90	43,10887 mm



Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %
63,0000	100,00	12,5000	40,52	0,4200	9,60	0,0583	5,70	0,0124	3,23
50,0000	96,99	9,5200	35,30	0,2500	7,63	0,0423	5,32	0,0090	2,85
37,5000	83,43	4,7500	27,07	0,1500	6,56	0,0307	4,94	0,0065	2,37
25,4000	62,64	2,0000	21,64	0,1050	6,17	0,0228	4,18	0,0047	1,90
19,0000	54,23	0,8410	15,83	0,0750	5,96	0,0167	3,61	0,0039	1,61

Certificate code: FO-116/02-007GRC-T / RIP:03-16/03/2023 / CIRC: 16/03/2023

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Test location: Laboratory

Experimenter  
 Dott. Daniel Del Negro





ORDER	24.002.01
Sample ID	
Depth (m)	6.00-7.00
Test	WATER CONTENT
Cert./date	24.0097

TEST CERTIFICATE N°: 24.0097	Page 1/1	Issue date:	Start date:
Acceptance note n°: 0002	date: 04/06/24	Sample opening: 05/06/24	End date:

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH12	SAMPLE: C1	DEPTH: m 6.00-7.00

### WATER CONTENT

Methods: Standard ASTM D2216-19

**Wn = Natural water content = 3,8 %**

Soil structure:

- Homogeneous  
 Stratified  
 Not homogeneous

Drying temperature: 110 °C

Certificate code: FO-116/02-003UMID-T / RIP:03-16/03/2023 / CIRC: 16/03/2023

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Test location: Laboratory

Experimenter  
Dott. Daniel Del Negro





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Tel: +355 42 453 160 email: info@geotest.al NIPT: L21721022K



LT 090 06.03.23

ORDER	24.002.01
Sample ID	
Depth (m)	6.00-7.00
Test	SPECIFIC GRAV.
Cert./date	24.0098

TEST CERTIFICATE N°: 24.0098	Page 1/1	Issue date:	Start date:
Acceptance note n°: 0002	date: 04/06/24	Sample opening: 05/06/24	End date:

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH12	SAMPLE: C1	DEPTH: m 6.00-7.00

### SPECIFIC GRAVITY

Methods: Standard ASTM D854-23

$\gamma_s$  = Specific gravity (average of 2 measurements) (kN/m<sup>3</sup>) = 27,1 kN/m<sup>3</sup>

$\gamma_{sc}$  = Specific gravity at 20° (kN/m<sup>3</sup>) = 27,0 kN/m<sup>3</sup>

Method:  A  B

Pycnometer size: 100 ml

Test temperature: 24,0 °C

Certificate code: FO-116/02-005GS-T / RIP:03-16/03/2023 / CIRC: 16/03/2023

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Test location: Laboratory

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ORDER	24.002.01
Sample ID	
Depth (m)	6.00-7.00
Test	ATTERBERG L.
Cert./date	24.0099

TEST CERTIFICATE N°: 24.0099	Page 1/1	Issue date:	Start date:
Acceptance note n°: 0002	date: 04/06/24	Sample opening: 05/06/24	End date:

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN
BOREHOLE: BH12	SAMPLE: C1 DEPTH: m 6.00-7.00

**ATTERBERG LIMITS**

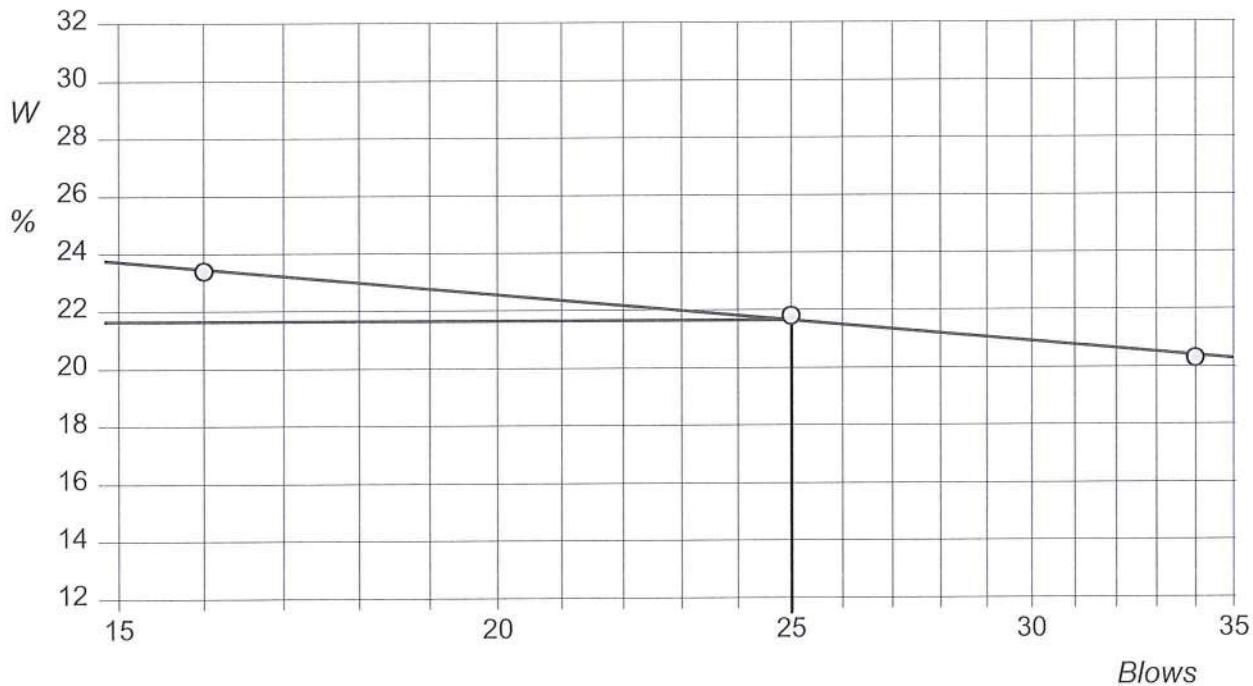
Methods: Standard ASTM D4318-17e1

Liquid limit	22 %
Plastic limit	17 %
Plasticity index	5 %

The liquid and plastic limits have been performed on the material passing n° 40 (0.42 mm) sieve

LIQUID LIMIT					PLASTIC LIMIT		
Blows	16	25	34		Water content	16,9	17,2
Water content	23,4	21,8	20,3		Mean water content	17,1	

**Liquid limit**



Certificate code: FO-116/02-008LIM-T / RIP:03-16/03/2023 / CIRC: 16/03/2023

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Test location: Laboratory

Experimenter  
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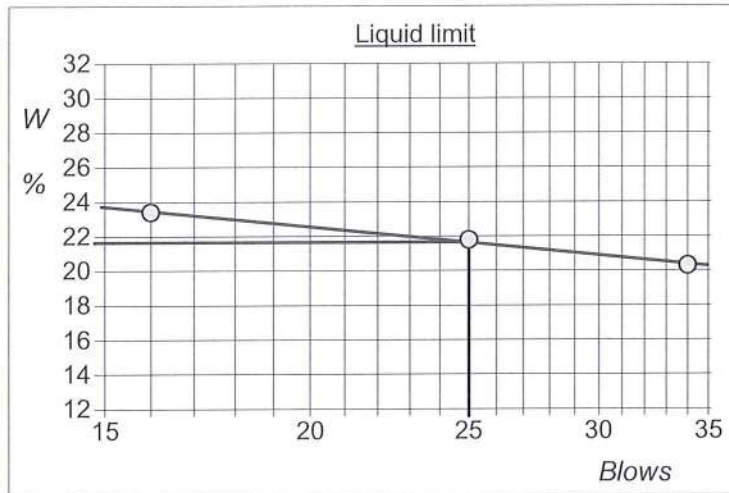
ORDER	24.002.01
Sample ID	
Depth (m)	6.00-7.00
Test	ATTERBERG L.
Cert./date	24.0099

TEST CERTIFICATE N°: <b>24.0099</b>	Allegato 1	Issue date:	Start date:
Acceptance note n°: 0002	date: 04/06/24	Sample opening: 05/06/24	End date:
CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK		
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN		
BOREHOLE: BH12	SAMPLE: C1	DEPTH: m 6.00-7.00	

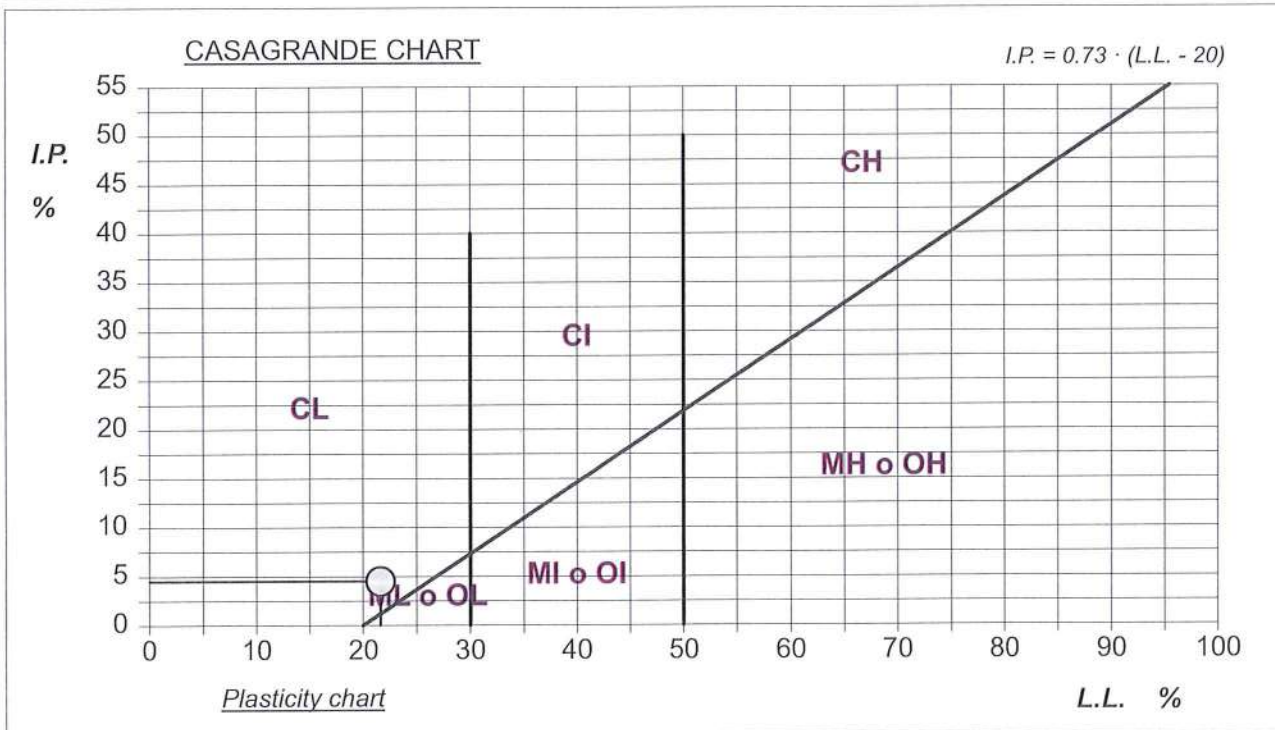
### CASAGRANDE CHART

Methods: Standard ASTM D4318-17e1

Liquid limit	22	%
Plastic limit	17	%
Plasticity index	5	%
Liquidity index	3,96	
Passing the n. 40 sieve	YES	



<b>C - Inorganic clays</b>	<b>L - Low compressibility</b>
M - Inorganic silts	I - Medium compressibility
O - Organic soils	H - High compressibility



Certificate code: FO-116/02-008LIM-T / RIP:03-16/03/2023 / CIRC: 16/03/2023

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Test location: Laboratory

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ORDER	24.002.01
Sample ID	
Depth (m)	6.00-7.00
Test	GRAIN SIZE AN.
Cert./date	24.00100 03/06/24

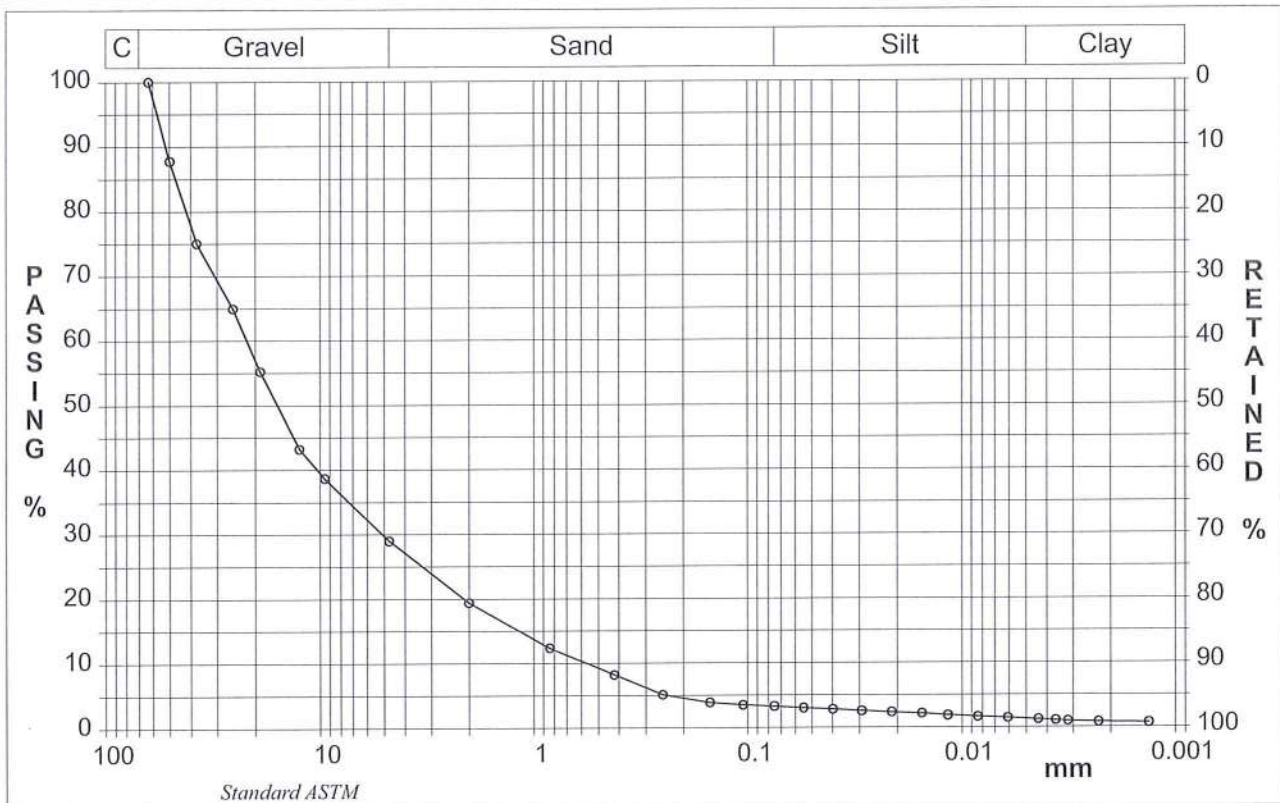
TEST CERTIFICATE N°: 24.00100	Page 1/1	Issue date: 03/06/24	Start date: 29/05/24
Acceptance note n°: 0002	date: 04/06/24	Sample opening: 05/06/24	End date: 01/06/24

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN
BOREHOLE: BH12	SAMPLE: C1 DEPTH: m 6.00-7.00

### GRAIN SIZE ANALYSIS

Methods: Standard ASTM D6913/D6913M-17

Gravel	71,0 %	Passing n. 10 sieve (2 mm)	19,4 %	D10	0,56538 mm
Sand	25,7 %	Passing n. 40 sieve (0.42 mm)	8,2 %	D30	5,10536 mm
Silt	2,0 %	Passing n. 200 sieve (0.075 mm)	3,3 %	D50	15,83663 mm
Clay	1,3 %			D60	21,90956 mm
Coefficient of uniformity	38,75	Coefficient of curvature	2,10	D90	52,15922 mm



Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %	Diameter mm	Passing %
63,0000	100,00	12,5000	43,22	0,4200	8,22	0,0548	3,02	0,0117	1,84
50,0000	87,76	9,5200	38,67	0,2500	5,12	0,0399	2,81	0,0084	1,64
37,5000	75,06	4,7500	29,00	0,1500	3,88	0,0292	2,56	0,0061	1,43
25,4000	64,96	2,0000	19,37	0,1050	3,51	0,0212	2,35	0,0044	1,23
19,0000	55,22	0,8410	12,38	0,0750	3,29	0,0154	2,15	0,0036	1,07

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Test location: Laboratory

Experimenter  
 Dott. Daniel Del Negro





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Tel: +355 42 453 160 email: info@geotest.al NPT: L21721022K



LT 090 06.03.23

ORDER	24.002.01
Sample ID	
Depth (m)	11.00-12.00
Test	WATER CONTENT
Cert./date	24.0101

TEST CERTIFICATE N°: 24.0101	Page 1/1	Issue date:	Start date:
Acceptance note n°: 0002	date: 04/06/24	Sample opening: 05/06/24	End date:

CLIENT: SEED CONSULTING SHPK	APPLICANT: SEED CONSULTING SHPK	
LOCATION: ELBASAN	JOB: AUTO MOTO PARK-ELBASAN	
BOREHOLE: BH14	SAMPLE: C1	DEPTH: m 11.00-12.00

### WATER CONTENT

Methods: Standard ASTM D2216-19

**Wn = Natural water content = 10,1 %**

Soil structure:

- Homogeneous  
 Stratified  
 Not homogeneous

Drying temperature: 110 °C

Certificate code: FO-116/02-003UMID-T / RIP:03-16/03/2023 / CIRC: 16/03/2023

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Test location: Laboratory

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